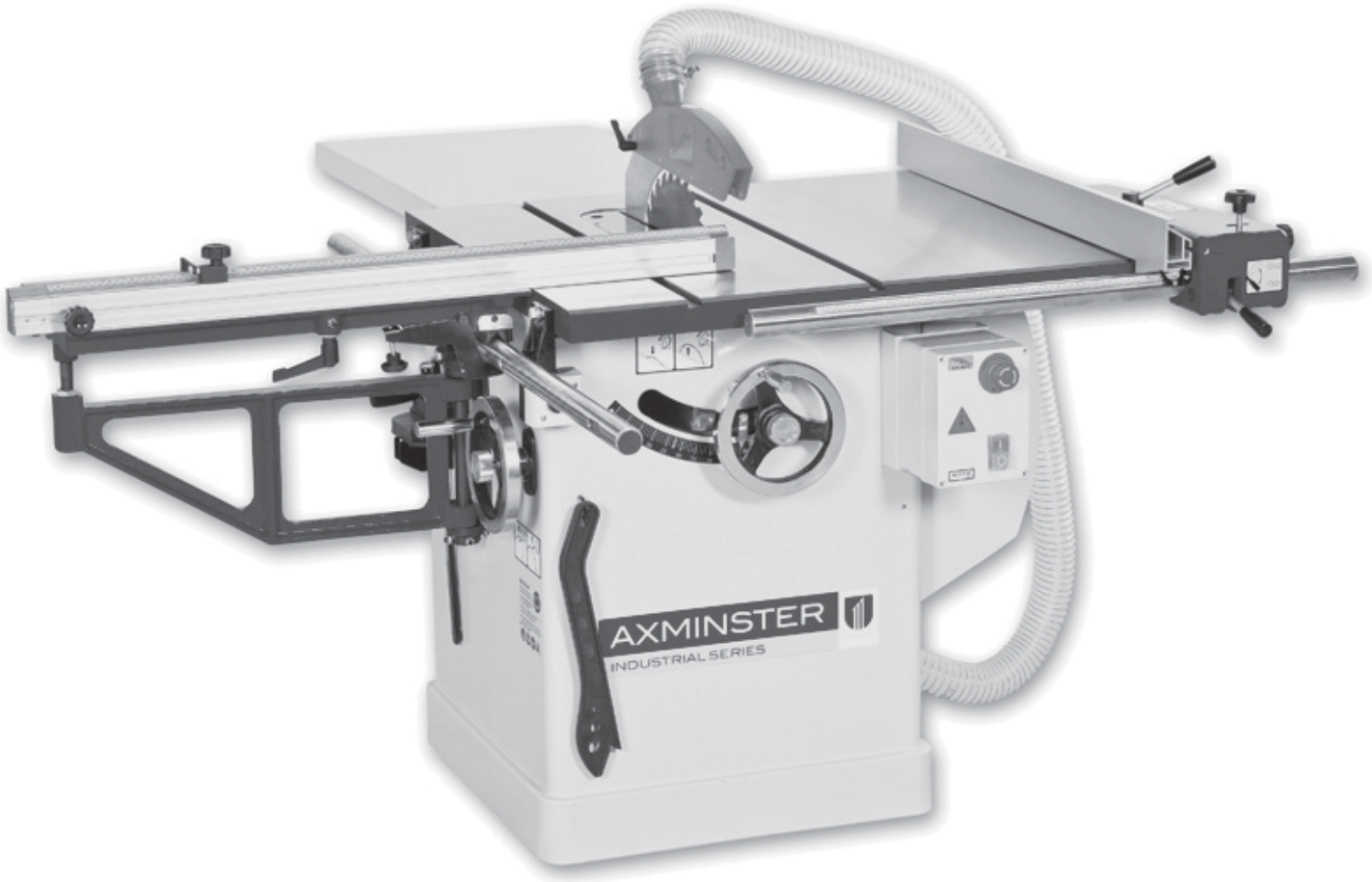
Code **700158**
Code **600807**

AXMINSTER
INDUSTRIAL SERIES
UNION-ONE

TSCE-12R 305mm Table Saw



AXMINSTER 3 THREE YEAR GUARANTEE

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1. General Information

The TSCE-series are professional for woodworking machine designed to rip solid wood, chipboard, fiberboard, plywood and so these materials. Be careful for rigidity of working materials, don't try forbidden materials such as low flash point metals and high stiff stone...etc.

HSS (High Speed Steel) sawblade and milling tools should not be used. The sawblade made in accordance with EN847-1: 1997 shall be used on the machine.

Generally, the table saw shall be installed in the following conditions:

1) Supply voltage: 0.9-1.1 nominal supply voltage
2) Source frequency: 0.99 1.01 nominal frequency
3) Ambient temperature: 5°C-40°C
4) Altitude: shall be at altitudes up to 1000m above mean sea level.
5) Relative humidity: not exceed 50% at 40°C.
6) Atmosphere: Free from excessive dust, acid fume,corrosive gases and salt.
7) Avoid exposing to direct sunlight or heat rays which can change the environmental temp.
8) Avoid exposing to abnormal vibration.
9) Electrical equipment shall withstand the effects of transportation and storage temperature within a range of -25°C to 55°C and for short periods not exceeding 24 hours at up to +70°C.

This machine was designed for certain applications only. We strongly recommend that this machine NOT be modified and/or used for any application. DO NOT use the machine until you have had detail instruction from your dealer.

ADDITIONAL MARKINGS

1. The following warning also appears on the tool and in the Instruction Manual per UL987.

WARNING: FOR YOUR OWN SAFETY READ INSTRUCTION MANUAL BEFORE OPERATING TOOL:

(a) Wear eye protection.
(b) Use saw-blade guard and spreader for every operation for which it can be used, including all through sawing.
(c) Keep hands out of the line of saw blade.
(d) Use a push-stick when required.
(e) Pay particular attention to instructions on reducing risk of kickback.
(f) Do not perform any operation freehand.
(g) Never reach around or over saw blade.

2. An Instruction Manual warning user against of injury and precautions, grounding instructions, use of extension cords and important safeguards etc., per UL987 is provided with each tool.
3. Instructions shall be provided, that explain how to properly match the blade diameter and the blade body and kerf dimensions to the riving knife thickness.
4. Instructions on proper use and guidelines for making push sticks, auxiliary fences, feather boards, and push blocks shall be provided.
5. The instruction manual for a table saw shall also include the following.
   (a) Definition of the terms “through-sawing,” “push-stick,” “kickback,” and “freehand” as they relate to a sawing operation.
   (b) Explanation of the proper use of the saw-blade guard and spreader for through-sawing.
   (c) Explanation of the proper use of and how to construct push-sticks.
   (d) Detail on how to reduce the risk of kickback.
   (e) Instructions to bolt the saw to the supporting surface (table, bench or floor, as appropriate) or use a sturdy outrigger support if a table extension more than 24 inches long is attached to the saw.

INSTRUCTION MANUAL

The safety instructions shall be as illustrated below or employ equivalent wording.

SAFETY RULES

1. KEEP GUARDS IN PLACE and in working order.

2. REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

3. KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.

4. DON'T USE IN DANGEROUS ENVIRONMENT. Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.

5. KEEP CHILDREN AWAY. All visitors should be kept safe distance from work area.

6. MAKE WORKSHOP KID PROOF with padlocks, master switches, or by removing starter keys.

7. DON'T FORCE TOOL. It will do the job better and safer at the rate for which it was designed.

8. USE RIGHT TOOL. Don't force tool or attachment to do a job for which it was not designed.

9. The installer shall follow local regulations and National Electrical Code, ANSI/NFPA 70 installation requirements

10. WEAR PROPER APPAREL Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.

11. ALWAYS USE SAFETY GLASSES. Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.

12. SECURE WORK. Use clamps or a vise to hold work when practical. It's safer than using your hand and it frees both hands to operate tool.

13. DON'T OVERREACH. Keep proper footing and balance at all times.

14. MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

15. DISCONNECT TOOLS before servicing; when changing accessories, such as blades, bits, cutters, and the like.

16. REDUCE THE RISK OF UNINTENTIONAL STATING. Make sure switch is in off position before plugging in.

17. USE RECOMMENDED ACCESSORIES. Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury to persons.

18. NEVER STAND ON TOOL Serious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted.

19. CHECK DAMAGED PARTS. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function - check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

20. DIRECTION OF FEED. Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.

21. NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF. Don't leave tool until it comes to a complete stop.

GROUNDING INSTRUCTIONS：

This tool should be connected to a grounded metal permanent wiring system; or to a system having an equipment-grounding conductor.

2. Safety Rules

⚠ Warnings

1. Read and understand the entire owner's manual before attempting assembly or operation.
2. Read and understand the warnings posted on the machine and in this manual. Failure to comply with all of these warnings may cause serious injury.
3. Replace the warning labels if they become obscured or removed.
4. Do not use this table saw for other than its intended use. If used for other purposes, manufacturer disclaims any real or implied warranty and holds itself harmless from any injury that may result from that use.
5. Always wear approved safety glasses/face shields while using this table saw. Everyday eyeglasses only have impact resistant lenses; they are not safety glasses.
6. Before operating this table saw, remove tie, rings, watches and other jewelry, and roll sleeves up past the elbows. Remove all loose clothing and confine long hair. Non-slip footwear or anti-skid floor strips are recommended.
7. Wear ear protector (plugs or muffs) during extended periods of operation.
8. Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
   Lead from lead based paint.
   Crystalline silica from bricks, cement and other masonry products.
   Arsenic and chromium from chemically treated lumber.
   Your risk of exposure varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment, such as face or dust masks that are specifically designed to filter out microscopic particles.
9. Do not operate this machine while tired or under the influence of drugs, alcohol or any medication.
10. Make certain the machine is properly grounded.
11. Make all machine adjustments or maintenance with the machine unplugged from the power source. A machine under repair should be RED TAGGED to show it must not be used until maintenance is complete.
12. Remove adjusting keys and wrenches. From a habit of checking to see that keys and adjusting wrenches are remove from the machine before turning it on.
13. Keep safety guards in place at all times when the machine is in use. If remove for maintenance purposes, use extreme caution and replace the guards immediately.
14. Check the alignment of the riving knife, fence and miter slot to the blade. A caution decal is installed on each guard to remain the operator of the dangers of improper machine operation.
15. Check damaged parts. Before further use of the machine, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

⚠ Warnings

16. Provide for adequate space surrounding work area and non-glare, overhead lighting.
17. Keep the floor around the machine clean and free of scrap material, oil and grease.
18. Keep visitors a safe distance from the work area. Keep children away.
19. Make your workshop child proof with padlocks, master switches or by removing safety keys.
20. Give your work undivided attention. Looking around, carrying on a conversation and “horse-play”are careless acts that can result in serious injury.
21. Maintain a balanced stance at all time so that you do not fall or lean against the blade or other moving parts. Do not overreach or use excessive force to perform any machine operation.
22. Use the right tool at the correct speed and feed rate. Do not force a tool or attachment to do a job for which it was not designed. The right tool will do the job better and safer.
23. Use recommended accessories; improper accessories may be hazardous.
24. Maintain tools with care. Keep blade sharp and clean for the best and safest performance. Follow instructions for lubricating and changing accessories.
25. Check the saw blade for cracks or missing teeth. Do not use a cracked or dull blade or one with missing teeth or improper set. Make sure the blade is securely locked on the arbor.
26. Keep hands clear of the blade area. Do not reach past the blade to clear parts or scrap with the saw blade running. Never saw freehand. Avoid awkward operations and hand positions where a sudden slip could cause your hand to contact the blade.
27. Do not attempt to saw boards with loose knots or with nails or other foreign material, on its surface. Do not attempt to saw twisted, warped, bowed or “in wind”stock unless one edge jointed for guiding purposes prior to sawing.
28. Do not attempt to saw long or wide boards unsupported where spring or weight could cause the board to shift position.
29. Always use the riving knife, blade guard, push stick and other safety devices for all operations where they can be used. Release the blade guard down immediately after completing the sawblade exchange process.
30. Be sure the saw blade rotates clockwise when viewed from the motor side of the machine.
31. Turn off the machine before cleaning. Use a brush or compressed air to remove chips or debris-do not use your hands.
32. Do not stand on the machine. Serious injury could occur if the machine tips over.
33. Never leave the machine running unattended. Turn the power off and do not leave the machine until it comes to a complete stop.
34. Remove loose items and unnecessary work pieces from the area before starting the machine.

Familiarize yourself with the following safety notices used in this manual:

⚠ CAUTION This means that if precautions are not heeded, it may result in minor injury and/or possible machine damage.

⚠ WARNING This means that if precautions are not heeded, it may result in serious injury or possibly even death.

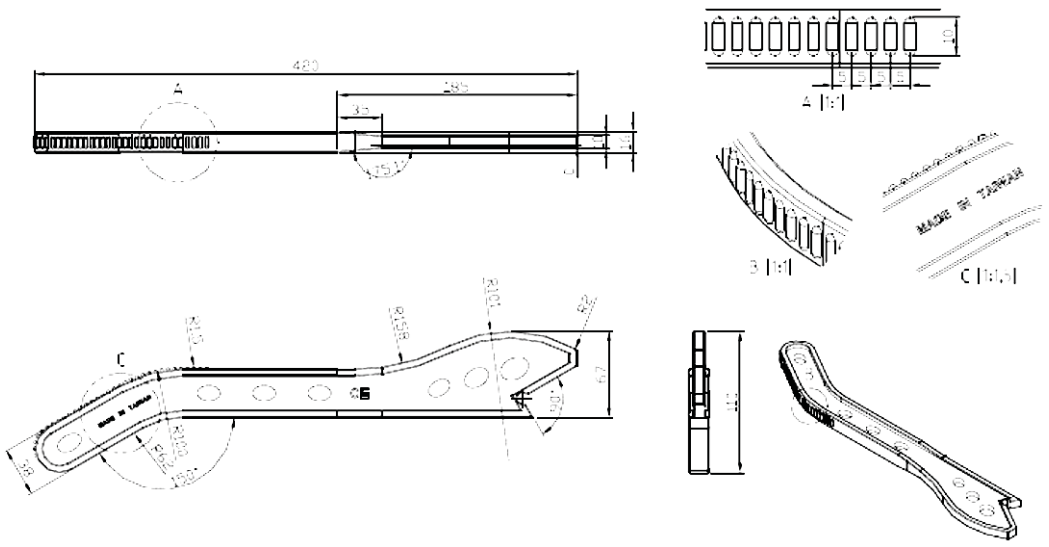
⚠ Warnings

35. Ground all machines.
    It should make sure the “PE”terminal being connection before machine operating.
36. Don't use in dangerous environment.
    Don't use machine in damp or wet locations, or expose them to rain.
    Please provide a suitable illumination around the machine for safety operation.
37. Please wear eye-shied and ear-shield during operation.
38 Don't force machine. It will do the job better and be safer at the rate for which it was designed.
39. SHUT OFF the power, remove the products, and isolated energy before leaving the machine. Shut off the power and carried out only when the machine is stationary before inspection, maintenance, adjustment and cleaning.
40. Don't smoking!!
41. Have your machine repaired by a qualified person.
    Repairs should be carried out by qualified-persons using original spare parts, otherwise this may result in considerable danger to the user.
42. Disposing wasted material and wasted lubricating oil shall obey the local regulation and be deeply careful.
43. Workshop of user shall be with the fire extinguisher or other devices according to the local safety regulations and deeply careful.
44. Stand on proper position for operation.
45. Use recommended ancillary equipment. If ancillary equipment is removed the original guards or safety devices shall be replaced. Union-One and our authorized agency are responsible for a future connection of the machine with ancillary equipment only if we ourselves have designed such connection.
46. The noise level of this machine is testing on continuous running.
    a) Airborne noise emission by the TSCE - series is established on the basis of measurements.
    b) The workstation for the measurement of emission sound pressure level is defined according to European Standard, ISO3746 and complied with annex A of ISO 7960.
    c) A weighted sound pressure level measuring under load is 84-86dB(A).
    d) A weighted sound power level measuring under load is 98-100dB(A).
    e) The figure quoted are emission levels and are not necessarily safe working levels. Whilst there is a correlation between the emission and exposure levels, this cannot be used reliably to determine whether or not further precautions are required. Factors that influence the actual level of exposure of the work-force included the characteristic of the work room, the other sources of noise etc. i. e. the number of the machines and other adjacent processes. Also the permissible exposure level can very from country to country. This information, however, will

enable the user of the machine to make a better evaluation of the hazard and risk.

47. After switching off the saw motor, allow the sawblade to stop freely. Never attempt to stop the cutting by hand or other objects.
48. Never cut the wood plate if there is no completed width or too small.
49. The max. rotation speed marked on the saw blade must not be exceeded.
50. The machine shall be not loaded with more than workpiece at a time.
51. During making wooden cases, it will emit harmful dust. User must install exhaust system for the extraction of harmful dust.
52. Use correctly sharpened sawblades. Observe the max. speed marked on the sawblade. User shall be to select the optimum speed for sawblade.
53. Report faults on the machine, including guards or sawblades, as soon as they are discovered.
54. Adopt safe procedures for cleaning, maintenance and remove chips and dust regularly to avoid the risk of fire.
55. Follow manufacturers instructions for use, adjustment and repair of sawblades.
56. Ensure that any spacers and spindle rings used are suitable for the purpose as stated by the manufacturer.
57. Refrain from removing any off-cut or other part of the workpiece from the cutting area whilst the machine is running.
58. Ensure that guards and other safety devices necessary for machine operation are in position, in good working order and properly maintained.
59. Safety working practice.

    A) Use of push block and push stick-Push stick should be used to avoid working with hands close to the sawblade. Push blocks should be between 300mm and 400mm long, 80mm to 100mm wide and 15mm to 20mm deep. Push blocks should be used when cutting small workpieces and in circumstances where it is necessary to push the workpiece against the fence. If any damage, please replace new one follow below dimension.



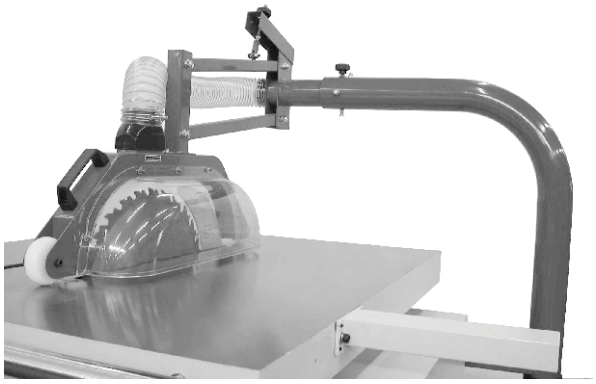
b) Selection of sawblade and riving knife: The operator should only select sawblade of a dismeter and thickness suitable for the machine, as specified in the appendix A.

c) Selectin of riving knife slot- The riving knife guiding slot should be no more than 0.5mm wider than the riving knife guiding elements.

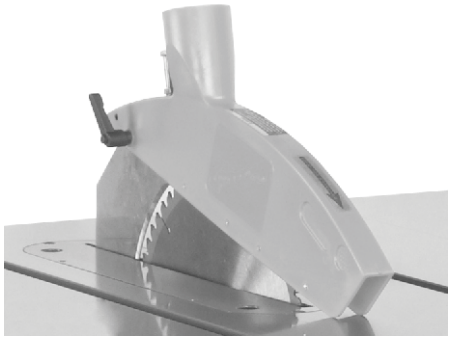
d) Fixing of sawblade to spindle: Where the spindle diameter is less than the sawblade bore diameter, flanged bushes provided by the machine manufacture should be used to make up the difference. The use of loose rings or bushes is not permitted.

e) Lighting: it is important to provide adequate lighting around the machine.

60. The TSEC - series table saw is designed with mounted separately from riving knife type or mounted on riving knife type (only for saw-blade Ø＜315mm) saw guard, be careful the saaw-blade size before any replacing.



for saw Blade Φ>315mm

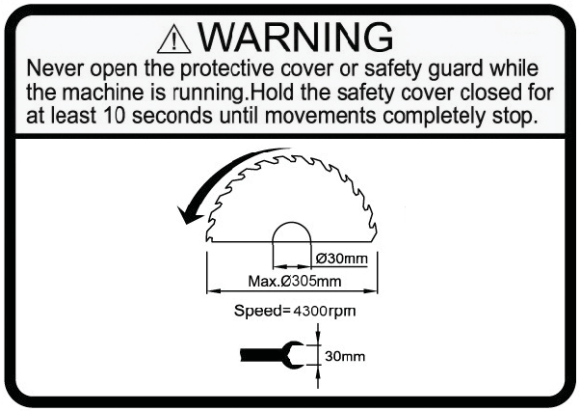


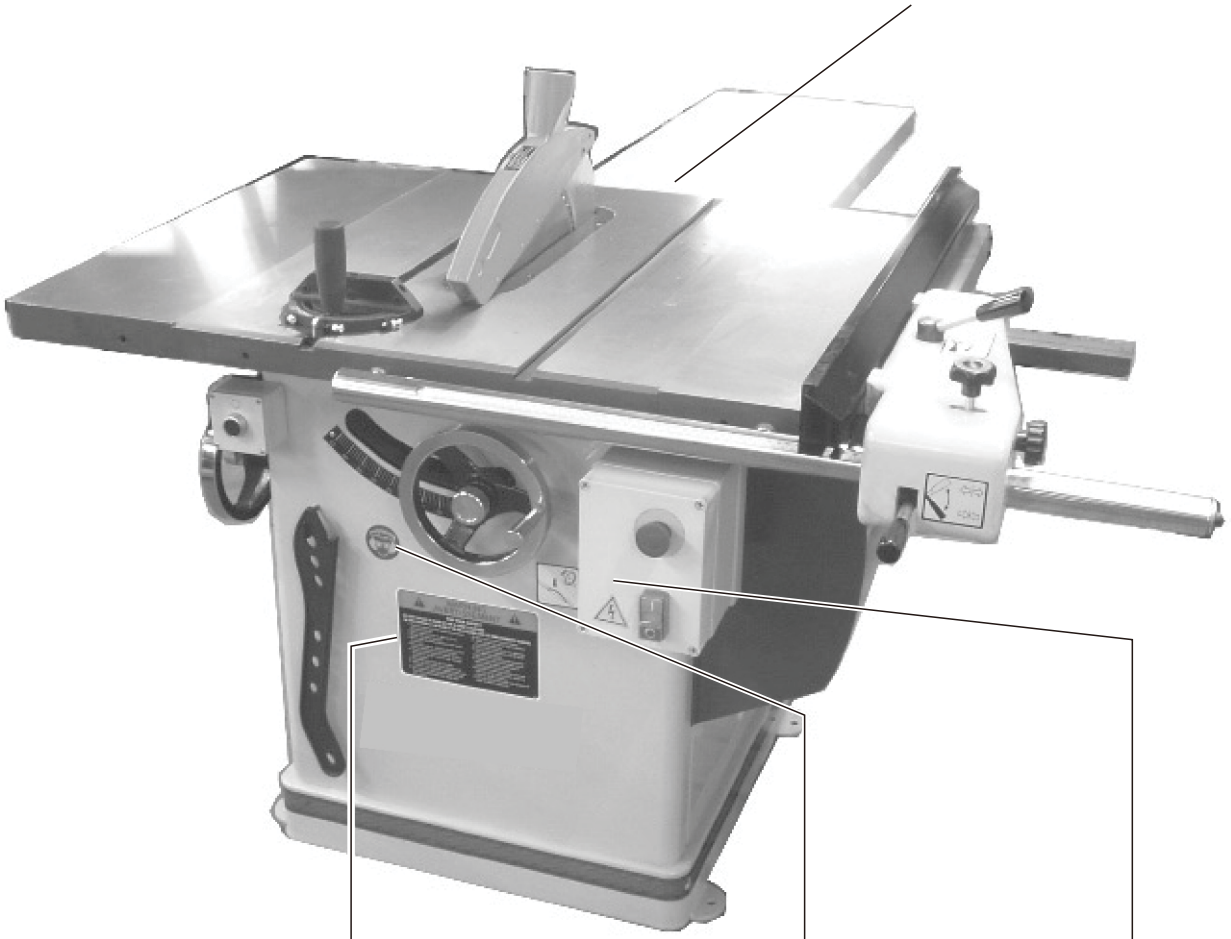
for saw Blade Φ<315mm only

61. Guide the workpiece along the rip fence and through the rotation saw blade, using the push stick if necessary. Any damage, please replace new one that specification according above drawing.

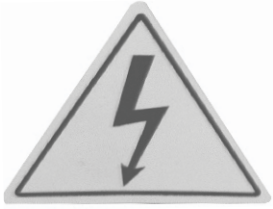
*Any other maintenance is welcome to be contacted manufacturer or our distributor.

Contents of warning labels


⚠WARNING
Never open the protective cover or safety guard while the machine is running.Hold the safety cover closed for at least 10 seconds until movements completely stop.
Ø30mm
Max.Ø305mm
Speed=4300rpm
30mm



WARNING
AVERTISSEMENT
FOR YOUR SAFETY
DO NOT EXPOSE TO RAIN OR USE IN DAMP LOCATIONS
NE PAS EXPOSER A LA PLUIE ET NE PAS UTILISER DAN LES EMPLACEMENTS HUMIDES
1. Read and understand instruction manual before operating table saw.
2. Do not expose to rain or operate in rain.
3. Always wear eye protection.
4. Do not operate without all guards and covers in position
5. Do not wear gloves, neckties, jewelry, or loose clothing, and be sure to tie back long hair.
6. Always use blade guard and splitter for every operation for which it can be used, including all thru-sawing.
7. Keep hands out of path of saw blade.
8. Always use push sticks when required as for "non-thru" cuts and when ripping narrows work.
9. Do not perform any operation free hand. Use fence when ripping and miter gauge when cross-cutting.
10. Know how to avoid risk of kickback.
11. Make certain that side of long workpieces are properly supported.
12. Never reach in back of or over saw blade.
13. Do not remove jammed or cut-off pieces until blade has stopped.
14. Be sure machine is electrically grounded.
15. Disconnect machine from power source before making repairs, adjustments or cleaning chips from work area
16. Keep floor around the machine clean and free from scraps, sawdust, oil or grease to minimize danger of slipping.
17. Do not operate while under the influence of drugs, alcohol or medication.



Shipping Contents

Unpacking

Remove box and wood crating completely from around saw. Check for shipping damage immediately to your distributor and shipping agent. Do not discard any shipping material until the Table Saw is assembled and running properly.

Compare the contents of your container with the parts lists in the next two pages to make sure all parts are intact. Missing parts, if any, should be reported to your distributor. Read the instruction manual thoroughly for assembly, maintenance and safety instructions.

1. Unbolt the saw from the skid.
2. Carefully slide the saw from the pallet onto the floor.

Do not connect the tablesaw to the power source until all assembly has been completed! Failure to comply may cause serious injury!

The Table Saw should be placed in an area with a sturdy level floor, good ventilation and sufficient lighting. Leave enough space around the machine for mounting extension wings and rail assemblies, and loading and off-loading stock and general maintenance work.

Cleaning

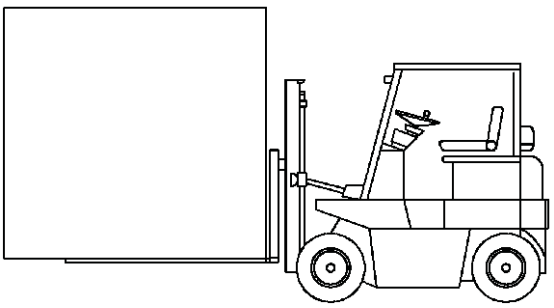
Expose metal surfaces, such as the table top and extension wings, have been given a protective coating at the factory. This should be remove with a soft cloth moistened with kerosene. Do not use acetone, gasoline, or lacquer thinner for this purpose. Do not use solvents on plastic parts, and do not use an abrasive pad because it may scratch the surfaces.

Transporting and handling

The machine shall be moved by persons who are qualified.

Persons besides the worker are not allowed to stay in the work place during transporting the machine.

a) Please refer to instruction manual in specifications and machine weight to arrange handling equipment. Be sure to use capable fork-lifter referring to lift of machine.
b) Forklift can be used in handling and shall be operated by qualified driver.
c) Before handling, make sure all moveable parts are secured in their position and all moveable accessories should be removed from machine.
d) Make sure that the strength of forklift is sufficient to handle machine.
e) During handling, people are strictly prohibited from entering into the path of machine movement.
f) While transportation, keep attention to the balance of machine.
g) About forklift position of machine, please refer following diagram. The fork length shall be≧ 2/3 machine depth.



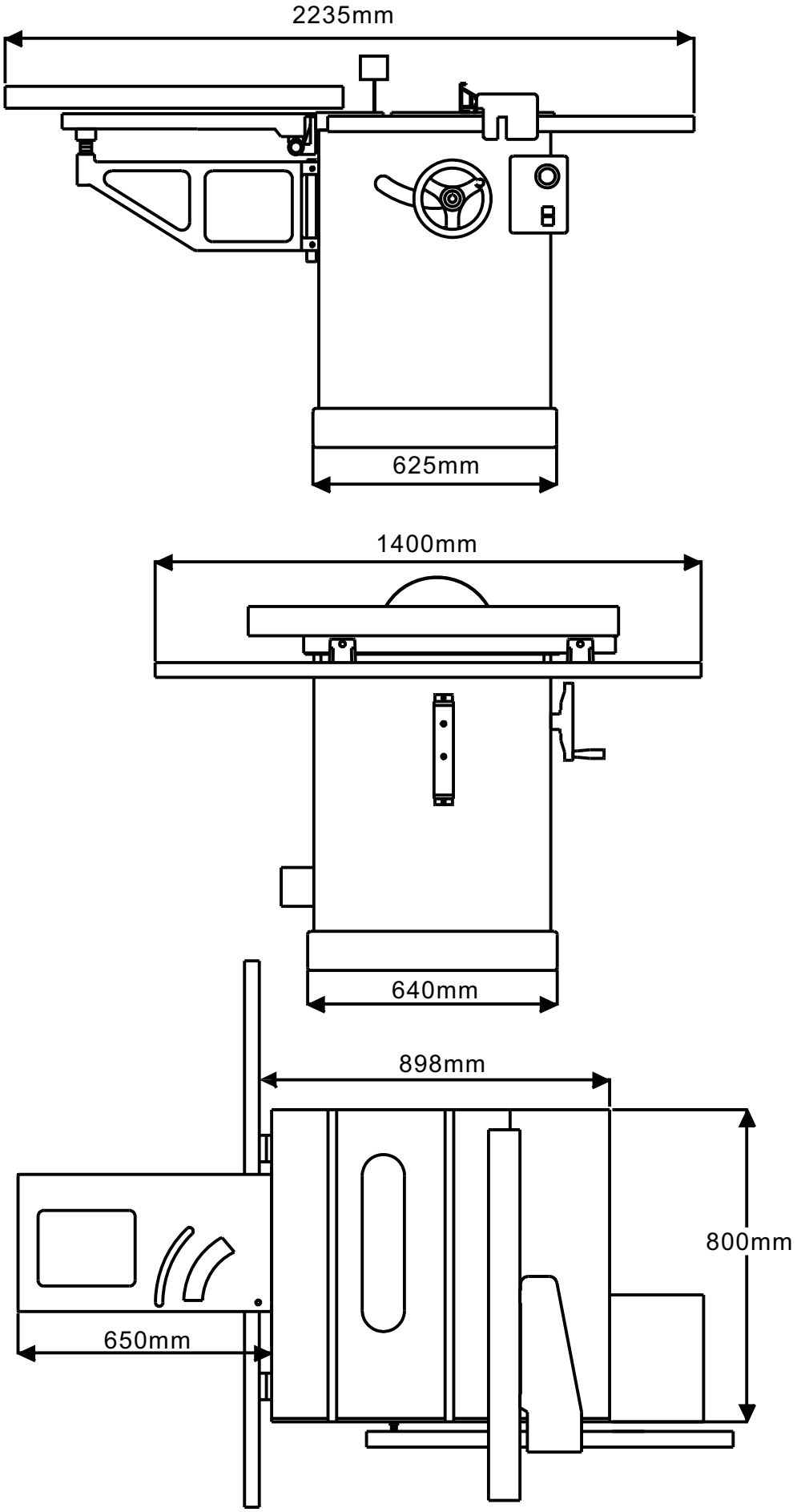
Specification

Model	**TSCE-12R**
Code	**600087**
Rating	**Industrial**
Power	**3.75kW (415V)**
Blade Dia/Bore	**305mm/30mm**
Blade Tilt	**0° - 45°**
Max Depth of Cut @ 45˚	**72mm**
Max Depth of Cut @ 90˚	**102mm**
Max Width of Cut with Fence	**620mm**
Table Size	**836 x 787mm**
Table Height	**860mm**
Sliding Table Size	**354 x 650mm**
Dust Extraction Outlet	**100mm + 60mm**
Min Extraction Airflow Required	**1,000 m³/hr**
Overall L x W x H	**787 x 876 x 900mm (787 x 1,486 x 900mm with sliding table in use)**
Weight	**270kg**

Specification

Model	**TSCE-12R**
Code	**700158**
Rating	**Industrial**
Power	**2.2kW (230V)**
Blade Dia/Bore	**305mm/30mm**
Blade Tilt	**0° - 45°**
Max Depth of Cut @ 45˚	**72mm**
Max Depth of Cut @ 90˚	**102mm**
Max Width of Cut with Fence	**620mm**
Table Size	**836 x 787mm**
Table Height	**860mm**
Sliding Table Size	**354 x 650mm**
Dust Extraction Outlet	**100mm + 60mm**
Min Extraction Airflow Required	**1,000 m³/hr**
Overall L x W x H	**787 x 876 x 900mm (787 x 1,486 x 900mm with sliding table in use)**
Weight	**270kg**

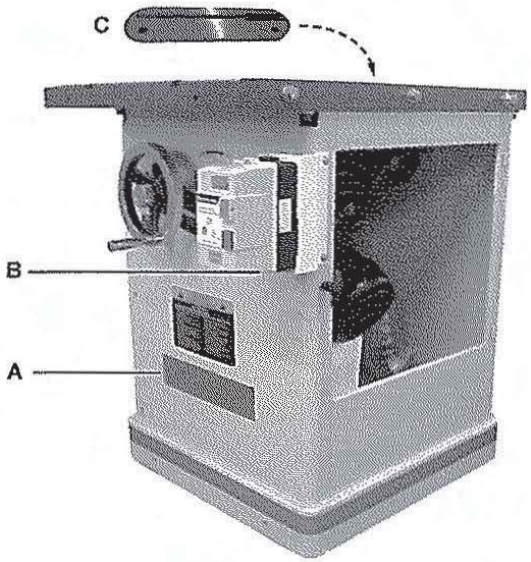
Foundation Drawing TSCE-305R



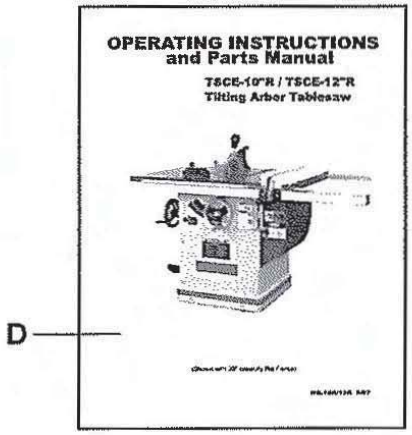
Contents of the Shipping Container

Main Saw Container

1 Table Saw (A)
1 Switch (B)
1 Table Insert (C)
1 Owner's Manual (D)
1 Inspection Record (not shown)



Main Saw Container



Extension Tables

Two extension tables are packaged in individual boxes.

(One extension table with sliding table)

Extension Tables

Side Cover Box

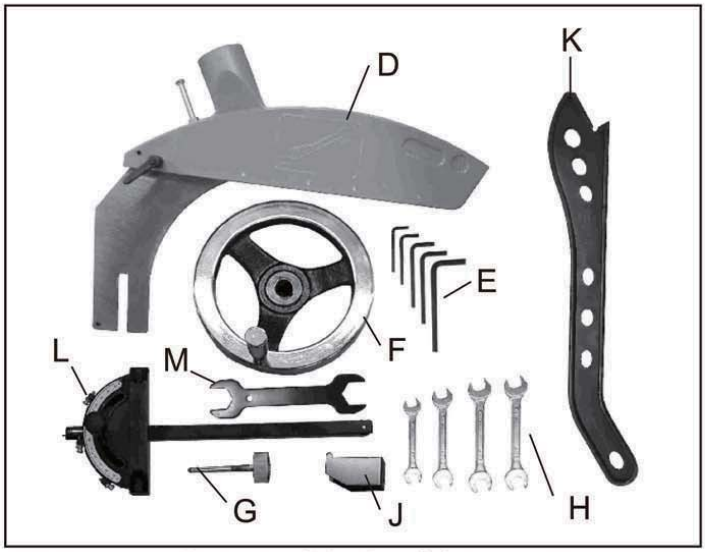
1 Side Cover

Contents of Side Cover Box

Small Box

The small box consists of the following items:

1 Blade Guard Assembly (D)
1 Riving Knife and Pawl Assembly (E)
1 Handwheel and Swivel Handle (F)
1 Lock Knob (G)
2 Large Hook for Us Rip Fence (H)
1 Small Hook for Miter Gauge (J)
1 Push Stick (K)
1 Miter Gauge Assembly (L)
1 Arbor Wrench (M)



Contents of the Small Box

Assembly

Motor Cover Assembly

- Tool: 6mm Allen Hex Wrench

1.Remove motor cover A (Figure 1) insert on cabinet.

2.Closing the motor cover and fasten cover two screw A (Figure 2).

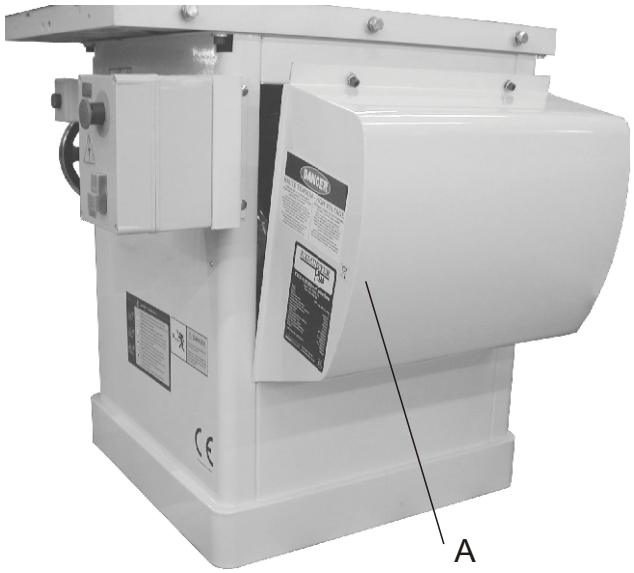


Figure 1

Handwheel Assembly

Referring to Figure 3:

Hardware: (2) Handle & Handwheel (C), (2) Lock Knob (D), (2) Shaft Key(not snown)

Tools: 3mm hex wrench

The front handwheel (E) is installed at the factory.

Install the side handwheel (C) as follows:

1. Line up the key (taped to shaft) on the shaft (B) with the key in the handwheel (C) and slide the handwheel onto the shaft.
2. Tighten the set screw on the handwheel hub (3mm hex wrench) securely to hold in place.
3. Install the center lock knob (D) by inserting into center hole in the shaft and threading in a clockwise direction.
4. Install the remaining handwheel assembly (E) in the same manner.

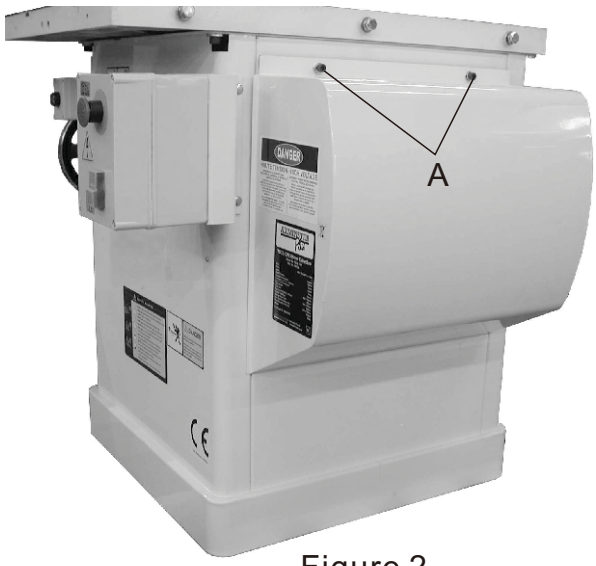


Figure 2

Miter Gauge and Fence Storage Hooks

Referring to Figure 3:

Hardware: (1) Small Hook (F) (2) 1/4”Flat washers (J). (2)1/4”Lock washers (H), (2) 1/4”×5/8”Socket-Head Cap Screw (G)

Tools: 5mm hex wrench

Mount the small Hook (F) to the side of the saw cabinet with two each 1/4”×5/8”socket-Head Cap Screws(G), 1/4”Lock Washers (H) and 1/4”Flat Washers (J)

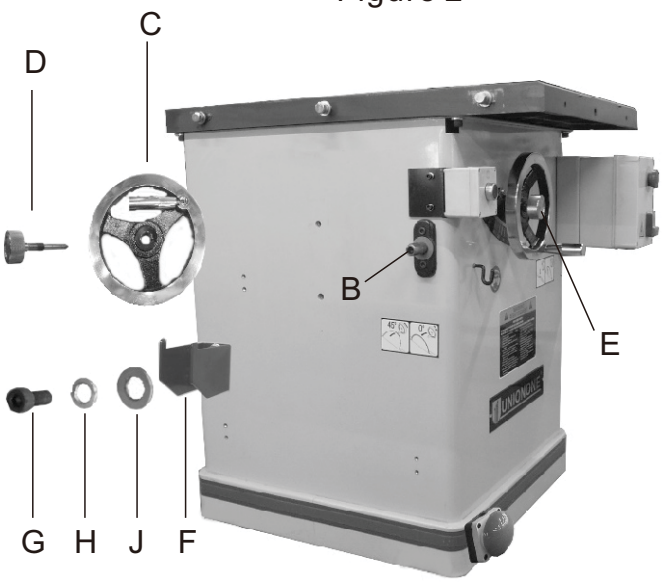


Figure 3

Extension Wing

Referring to Figures 4 and 5:

Hardware: (6)7/16"*1-1/2" Hex Cap Bolts, (6)7/16" Lock Washers, (6) 7/16" Flat Washers & (2) Extension Tables

Tools: 17mm Wrench, Straight Edge

1. Attach the left extension wing (A) (Figure.4) to the table (B) with three each hex cap screws (E) (Figure.5) lock washers (F) and flat washers (G). so the extension wing can still be manually adjusted but do not tighten.
2. Adjust the extension wing horizontally so the front edge is flush with the front edge of the saw table. Then, using the straightedge as reference, adjust vertically so the tops of the extension wing and saw table are flush.
3. Tighten the three extension wing mounting screws.
4. Remove the mounting hardware (Fig. 5) from the table on the right side; then attach the right extension wing in the same manner.

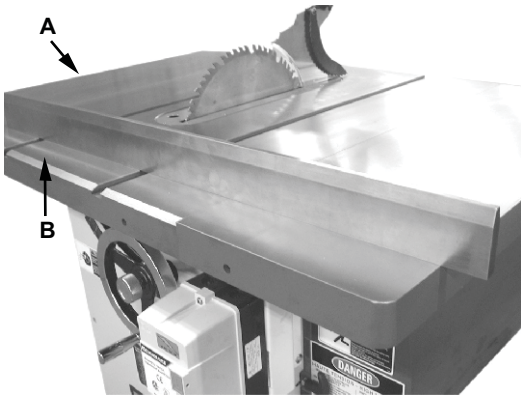


Figure 4

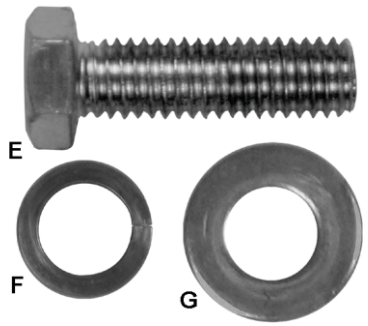


Figure 5

Blade Installation/ Replacement

⚠ CAUTION **Use care when working with or around sharp saw blade to prevent injury!**

To install or replace a blade (refer to Figure 6) :

Tools: 22mm Wrench (10") 38mm Wrench (Aus12")
32mm Wrench (12")

1. Disconnect machine from power source.
2. Raise the blade height all the way up and set the blade tilt to 0° .
3. Remove the table insert.
4. Rotate the arbor to line up the slot (C) with the arbor lock (D).
5. Press the arbor lock (D) in the direction shown by the arrow to engage it into the slot (C) in the arbor. At the same time remove the arbor nut (A), loosening with a wrench if necessary.
6. Remove the flange(B).
7. Install the blade, making sure the cutting teeth at the top of the blade point toward the front of the saw. If unsure, refer to Figure 8 for the proper blade orientation.
8. Replace the flange (B) and arbor nut (A).
9. Engage the arbor lock (D) and tighten the nut (A) with a wrench.
10. Lower the blade below the table.

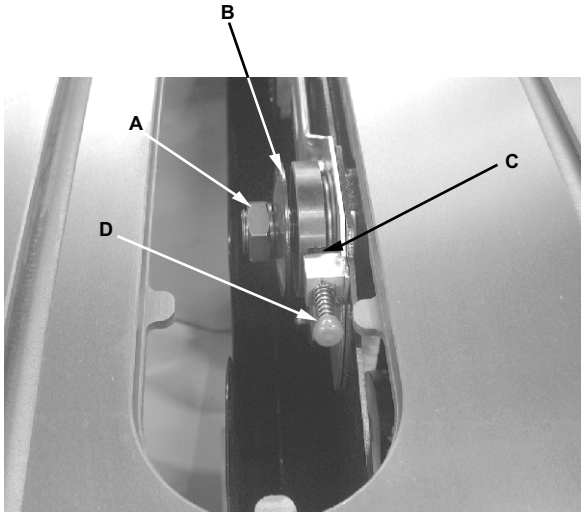


Figure 6

Riving Knife Installation

Description

Referring to Figure 7:

The complete riving knife and guard assembly is shown in Figure.7

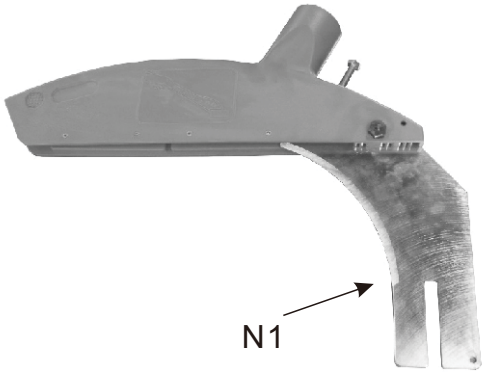


Figure 7

Installation

Referring to Figure 8:

1. Set the saw blade to the 90 degree position and raise it all the way (refer to Handwheel Adjustments on Figure 16.)
2. Remove the table insert (J).
3. Located inside the table and accessible through the insert opening (Figure 8 inset), place the quick-release clamp lock handle (K) in the unlock position.
4. The floating clamp block (L) is spring loaded and will move away (O) from the fixed block (M), leaving a gap.
5. Insert the bottom of the riving knife (N1,N2) all the way into the gap between the clamp blocks (L, M); then lock the handle (K).
6. Replace the insert (J) back on the table. The saw blade and riving knife should protrude through the slot in the insert.

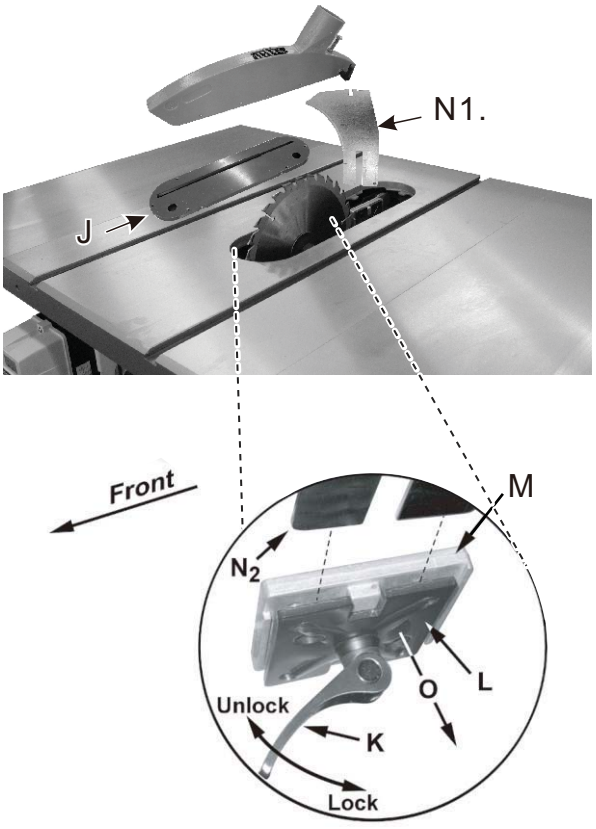


Figure 8

You should feel a snap as each piece locks in position. Attempt to lift as a test to make sure that they are securely locked in place.

Adjustment

The clamping blocks (L, M, Fig. 8) are adjusted at the factory and no further adjustment of the blade guard and riving knife should be necessary. However, proper alignment is very important. Before operating the table saw, read Riving Knife Adjustment (Page.22) to verify and follow the adjustment procedure if necessary.

Note: please use the correct thickness of Riving Knife to fit your blade.

Mounting Rip Fence Support Bracket

Adjust the rip fence support Bracket flush with the Table by turning four set screw A (Figure.9) and using a straight edge.
Check the water level once again after tightening B (Figure. 9) two hex cap screw.

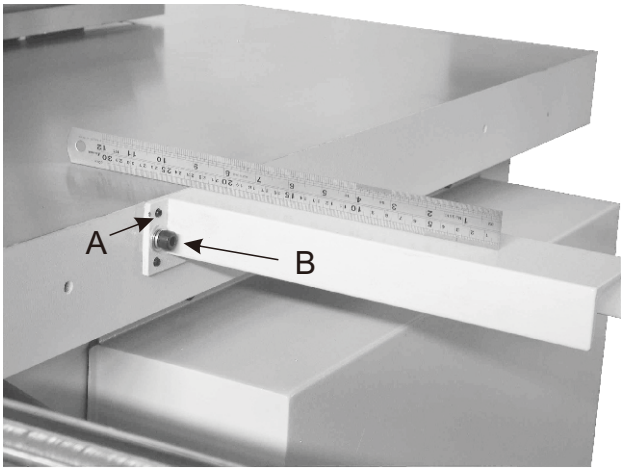


Figure. 9

Emergency Foot Operated Stop Switch

This switch (Figure 10.) is provided for use in emergency situation only, do not
remove that it is used in lieu of the mushroom headed lock-off stop switch on the front of the switch box.

Figure 10

The Rear Extension Table

If an assistant is employed at the
rear of the machine to remove cut piece the Table (Figure11.) Should be extended to the distance between the saw blade spindle and the rear edge of the table is at least 1200mm. The assistant should always remain at the outfeed end of the extension table and should not lean forward and put his hand near to the Saw teeth.

Figure 11

Mounting Front Guide Bar

1. Mounting the Front Guide Bar A (Figure12) to the front of the saw Table B (Figure12).

2. See the Rip Fence Alignment instructions. This will address the mounting of rail and Rip fence.

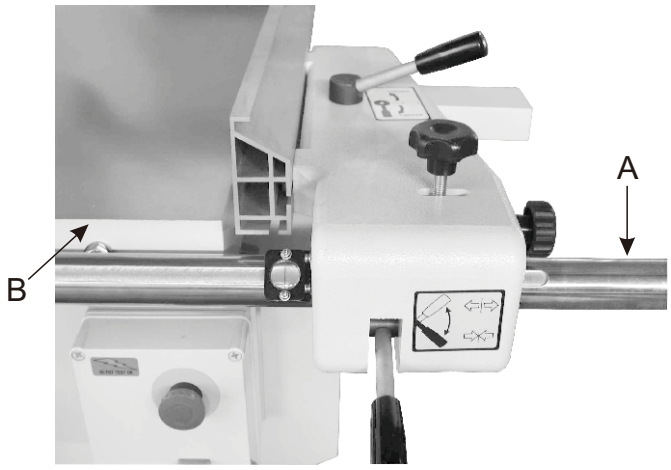
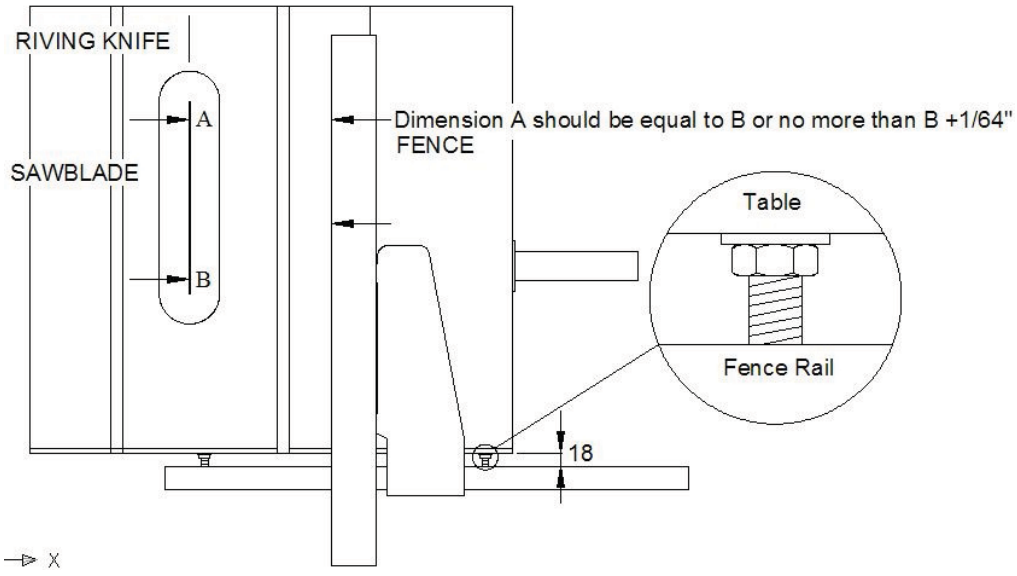


Figure 12

Rip Fence Alignment

Burning on the waste side of stock and/or the workpiece binding between the rip fence and the back of the saw, are both indicative of the rip fence being out of square to the blade. Check by placing a piece of 3/4”stock at the front and another piece at the rear of the near side of the sawblade. Slide the rip fence up against these to determine alignment. If necessary adjust the fence using the locking bolts at the back of the fence rail. So as to prevent the fence casting catching on the fixing studs a distance of 18mm from the fence bar to the table is required.

To reduce the potential for kickback set the rip fence so that it is slightly farther (about 1/64 in.) from the back of the blade than from the front, so that the rear teeth just miss the stock being cut.

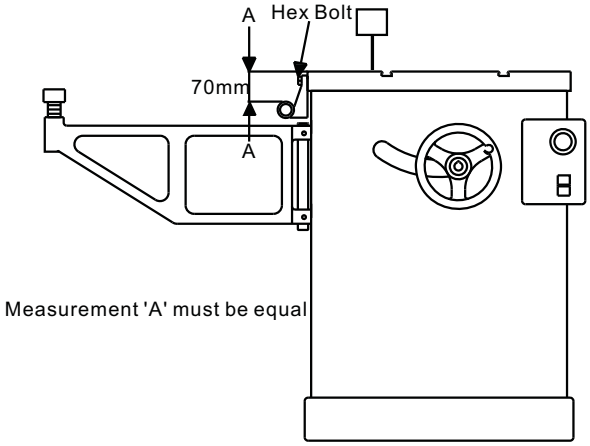


When adjusting the position fore and aft of the rip fence set the extrusion so that it sits slightly above the table when clamped up against the fence casting. This will ensure that the nylon roller underneath the casting remains in contact with the table.

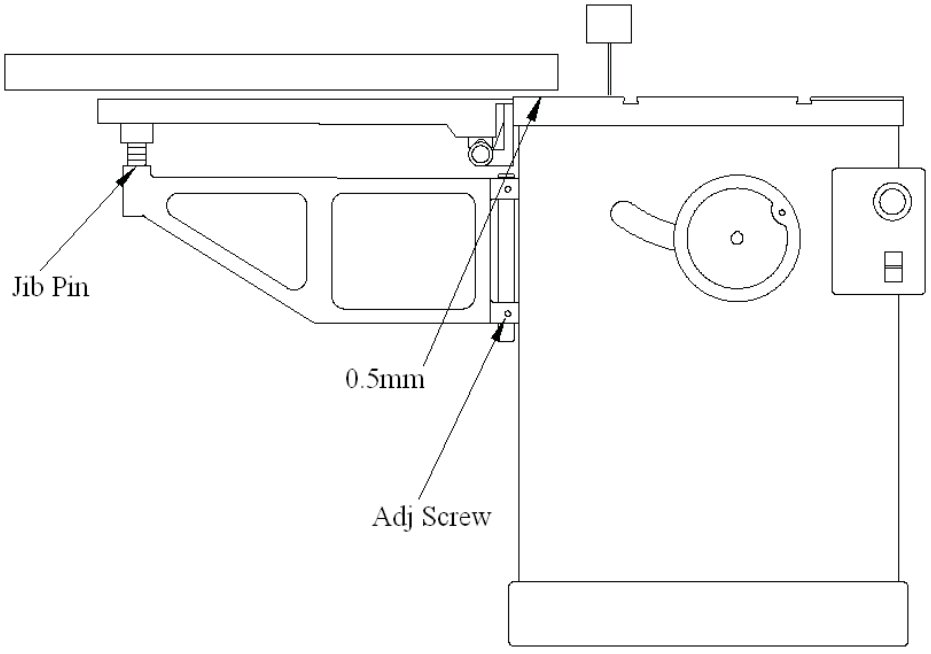
Alternatively the rip fence extrusion may have been bent. Check by placing a straight edge along its length. Either replace it, or add an auxiliary wood fence and shim it to even out any imperfections.

Sliding Table Setting & Installation-Option

If the cross cut table is not set parallel to the saw blade this causes heeling; that is ; the blade is not parallel to the saw cut. Heeling is hard on the blade and can cause excess vibration .Start by checking that the cross cut shaft is level to the top of the table . The Two Hex Bolt that are used to fasten the bar to the table and the bar can therefore be adjusted to suit. To do this, simply follow these direction:
With the rolling table removed. Place a combination square up to the table and take a measurement from the top edge of the bar Figure. The should have been set at 70mm.Adjust the far end of the bar until it too measures 70mm.



Next roll the table onto the bar and position on the jib.
With table in its foremost position roll it forward until the cross cut fence is just over the front of the machine table. This Level Set have been adjusted at the factory .after a period of use , or after moving the saw to another loction . the Level may no longer be set properly. Using the adjustable jib pin (illustrated below) set the gap between the fence and the table to 0.5mm.Lock off the jib nut.



Roll the table through its full travel, checking that the gap remains the same all the way along the table. If the gap varies from one end to the other loosen the jib support bracket and adjust it either leftwards or rightwards.
It is important that the bracket is re-tightened once adjustments have been made (4mm Hex Wrench required)

After the table has been lined up square the crosscut fence to the blade and re-set the 90° stop if necessary .
Looseness or slop between the table rollers and bar can also affect crosscut accuracy. Ensure that there is no sideways play in the two hardened rollers, and tension the bottom bearing on its adjustable strap to suit. Do not over-tighten, as this will impair the movement of the table and cause excess wear on the slide rail.

Insert Adjustment
Adjust the setscrews in the insert with a 3mm hex wrench (Figure 11) to ensure that the insert is stable and flush with the table top.

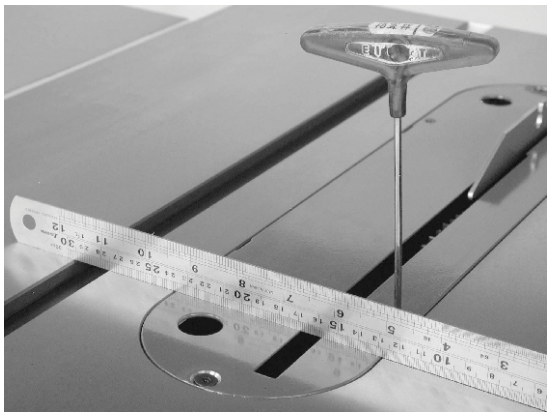


Figure 11

Miter Gauge
Referring to Figure 12 :
1. Operate miter gauge by loosening the lock knob (A) and turning the miter body(B) to the desired angle .To move gauge beyond index stops of 45° and 90°, flip down the stop(C).
2. Adjust index stops by turning one of three adjustment screws(D).

Note: Always make test cuts. Do not rely solely on miter gauge indicator marks. There are holes in the miter gauge body that will allow you to mount a wooden extension fence.

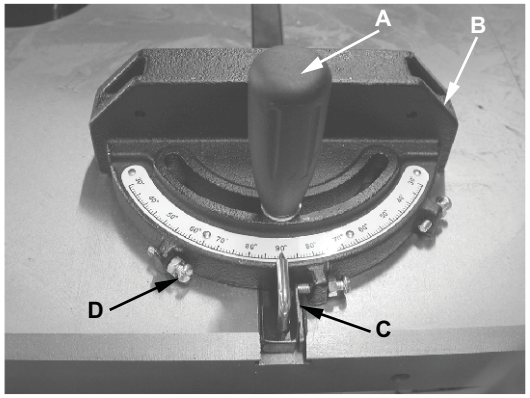


Figure 12

Riving Knife Adjustment

Lateral alignment

The saw blade and riving knife must be in line as close as possible with each other (lateral alignment) for the prevention of kickback. Upon initial blade guard and riving knife installation no further adjustment should be necessary. Alignment should be checked and adjusted, if required, after each blade change.

Check the alignment as follows:

1. Remove the blade guard (Figure 15).
2. Place a straightedge (A, Fig.15 on the table so it rests against the blade (B, Fig. 15) and riving knife (C, Fig. 15). Rotate the blade so the top of the blade tooth touches the straightedge.

The saw blade and riving knife must be in line. If adjustment is required:

3. Remove the table insert.
4. Loosen the lock handle (A, Fig. 16) and remove the riving knife, making a note as to which direction the riving knife needs to be moved to align it with the saw blade.
5. Using a 3mm hex wrench, make adjustments to four set screws (D, Fig. 17) accessible through openings located in the corners of the floating clamp block (B, Fig. 17).
6. If necessary, repeat the above procedure.

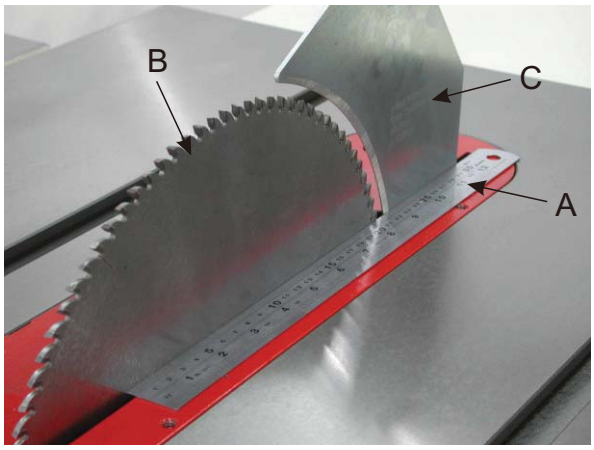


Figure 15

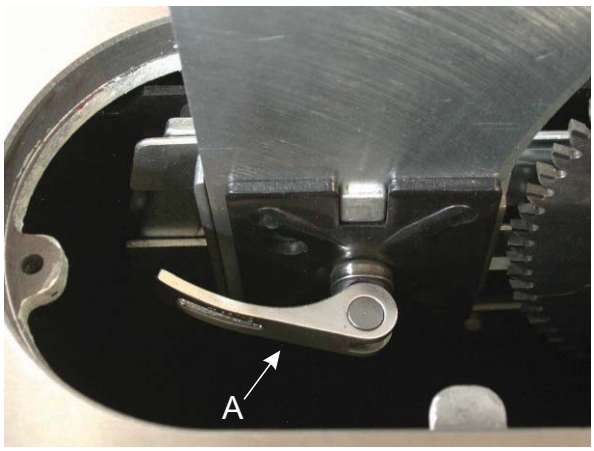


Figure 16

Blade proximity alignment

The gap between the saw blade and riving knife must be between 3 and 8mm(Figure 18) to reduce the possibility of kickback. If adjustment is needed, note whether the blade to knife gap needs to be increased or decreased. Then adjust as follows:

1. Remove the blade guard, pawl, table insert and riving knife.

Referring to Figure 17:

2. With a 4mm hex wrench, loosen two socket head flat screws(E).

   Note: These screws are accessible through located diagonally on either side of the lock handle(A). They secure the fixed clamp block(C) to the riving knife extension plate(Fig.16).

   Loosening these screws(E)will allow the fixed clamp block(C) to slide back and forth on the extension plate(F).
3. Slide the fixed clamp block(B) toward or away from the saw blade as required.

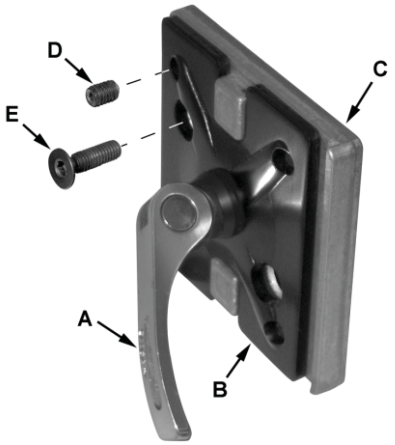


Figure 17

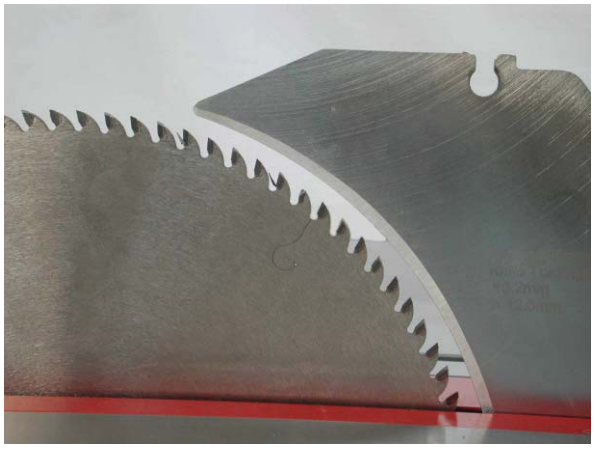


Figure 18

4. Tighten the socket head flat screws (E).
5. Reinsert the riving knife; tighten the lock handle (A, Fig. 17) and check that the saw blade/knife gap is between 3-8mm (Figure 18).
   Note: Attempt to make the gaps as even as possible.

Blade Alignment

Tools: 8mm hex wrench, combination square, marker

Blade alignment with the table is adjusted at the factory. After a period of use, or, after moving the saw to another location, the blade may no longer be aligned with the table.

To check and align the table (refer to Figure 19):

1. Disconnect the saw from the power source.
2. Raise the blade guard up a way from the blade.
3. Choose a tooth on the far side of the blade (toward the rear) and position the tooth slightly above the table insert. Mark the tooth with a marker. Measure the distance from the side of the blade to the right T-slot edge using a combination square. Make sure to measure between the teeth not to the tooth (Figure 19).
4. Rotate the blade toward the front so that the marked tooth is just above the insert. Measure the distance from the side of the blade to the right T-slot edge. The two measurements should be the same.
5. If they are not the same, loosen four hex socket cap screws (A, Fig. 20) that hold the table to the base.
6. Make the needed adjustments and tighten the four hex socket cap screws firmly.
7. Check the alignment once again after tightening hardware.

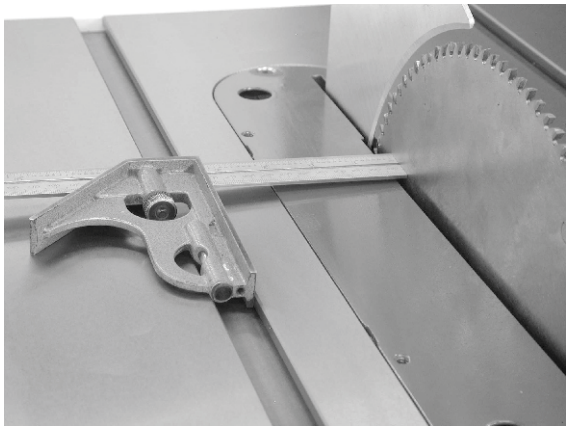


Figure 19

Figure 20

Adjusting 45° and 90° Positive Stops

The stops have been adjusted at the factory. After a period of use, or, after moving the saw to another location, the stops may no longer be set properly. To check and adjust the stops:

Tools : 12mm wrench, combination square

1. Disconnect saw from power source.
2. Raise the saw blade to its maximum height by using the handwheel.
3. Set the blade at 90 degrees to the table by turning the blade tilting handwheel clockwise as far as it will go.
4. Place a combination square on the table against the blade and check to see that the blade is at a 90° angle to the table, (Figure 21). Make sure square is not touching a blade tooth.
5. If blade is not at 90 degrees, open the motor cover door, loosen lock nut (A, Fig. 22) and turn adjusting stop screw (B, Fig. 22) on the front trunnion in, or out. The adjusting stop screw should stop against the front trunnion bracket when the blade is 90°to the table.
6. Tighten the lock nut (A, Fig.22).
7. Set the blade at 45 degrees to the table by turning the blade tilting handwheel conuter-clockwise as far as it will go. Place a combination square on the table against the blade. Make sure square is not touching a blade tooth.
8. If the blade is not 45 degrees, remove the raising and lowering handle. Loosen lock nut (A, Fig. 23) and turn adjusting stop screw (B, Fig. 23) on the front trunnion in, or out. The adjusting stop screw should stop against the front trunnion bracket when the blade is 45° to the table.
9. Check the accuracy of the pointer(C, Fig. 23) on the angle scale and adjust, if necessary.

Assembly and adjustment of the saw are now complete. Make sure all fasteners are tight. The saw may now be placed into operation.

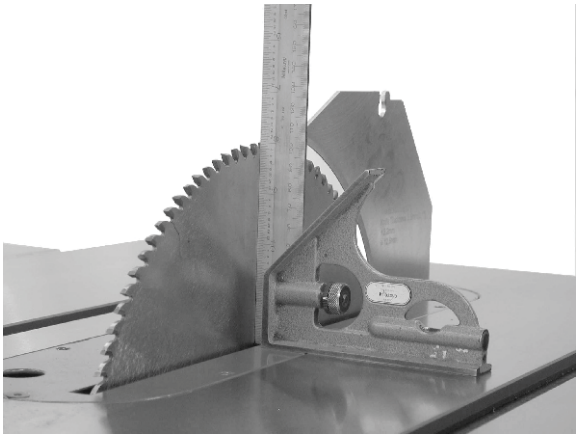


Figure 21

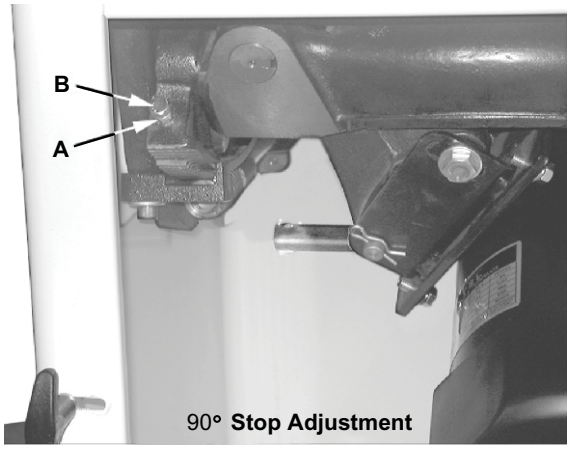


Figure 22

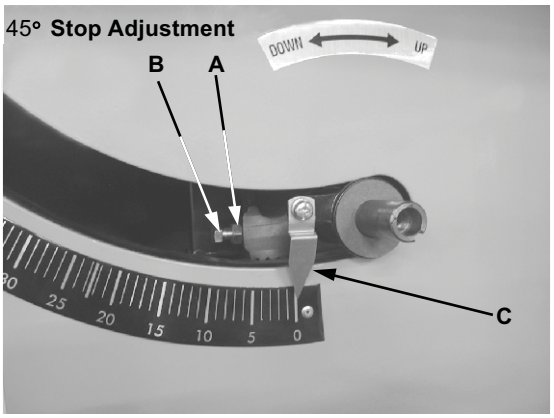


Figure 23

Changing the Belt

⚠ WARNING Make all machine adjustments or maintenance with the machine unplugged from the power source. Failure to comply may cause serious injury!

Referring to Figure 24:

· **Tools:** 17mm Wrench

1. Disconnect the machine from the power source, unplug.
2. Lower the blade to its lowest point.
3. Loosen two hex cap bolts (A).
4. Take the tension off of the poly V-Belt (B) by lifting up on the motor.
5. Remove the belt from the arbor and motor pulleys.
6. Replace and tension the belt. Two weight of the motor should apply enough tension to the belt. Tighten the hex cap bolts (A).
7. Check the belt tension after the saw has been used for a few hours. Adjust as necessary.

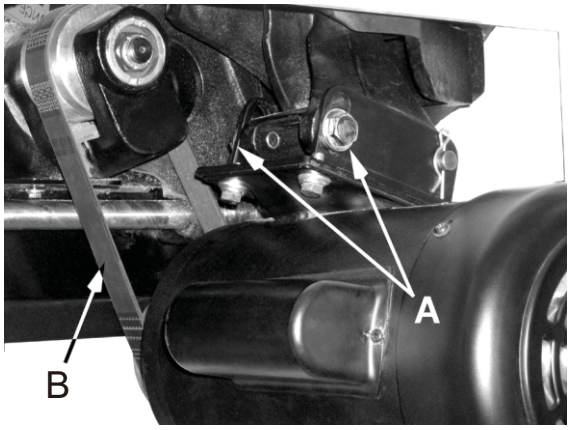


Figure 24

Maintenance

⚠ WARNING Always disconnect power to the machine before performing maintenance. Failure to do this may result in serious personal injury.

Cleaning

Note: The following maintenance schedule assumes the saw is being used every day.

Daily:

Wipe down the table surface and grooves with a rust preventive.

Clean pitch and resin from the saw blade.

Weekly:

Table surface must be kept clean and free of rust for best results. Apply a coat of paste wax to the surface to facilitate this. An alternative is to apply white talcum powder, rubbed in vigorously once a week with a blackboard eraser; this will fill casting pores and from a moisture barrier. This method provides a table top that is slick and allows rust rings to be easily wiped from the surface. Important also is the fact that talcum powder will not stain wood or mar finishes as wax pickup does.

Clean motor housing with compressed air.

Wipe down the fence rails with a dry silicon lubricant.

Periodic:

Keep the inside of the cabinet and trunnion area clean.

Check for excessive play in the tilting and raising mechanism and in the saw arbor and re-adjust as required.

Check for belt tension and wear. Readjust or replace belt a required.

Lubrication

Grease the tilting worm gear, raising worm gear, castor system worm gear and the trunnion areas with a good grade non-hardening grease.

Check all adjustments after lubricating.

Miscellaneous

Routinely check condition of the following items:

Mounting bolts

Power switch

Saw blade

Blade guard assembly

Troubleshooting

Trouble	Possible Cause	Solution
Saw stops or will not start	Overload tripped Saw unplugged from wall or motor Fuse blown or circuit breaker tripped Cord damaged	Allow motor to cool and reset by pushing off switch Check all plug connections Replace fuse or reset circuit breaker Replace cord
Does not make accurate 45° or 90°cuts	Stop not adjusted correctly Angle pointer not set accurately Miter gauge out of adjustment	Check blade with square and adjust stops Check blade with square and adjust pointer Adjust miter gauge
Material binds blade when ripping	Fence not aligned with blade Warped wood Excessive feed rate Splitter not aligned with blade	Check and adjust fence Select another piece of wood Reduce feed rate Align splitter with blade
Saw makes unsatisfactory cuts	Dull blade Blade mounted backwards Gum or pitch on blade Incorrect blade for cut Gum or pitch on table	Sharpen or replace blade Turn blade around Remove blade and clean Change blade to correct type Clean table
Blade does not come up to speed	Extension cord too light or to long Low shop voltage Motor not wired for correct voltage	Replace with adequate size cord Contact your local electric company Refer to motor junction box
Saw vibrates excessively	Stand on uneven floor Damaged saw blade Bad poly v-belts Bent pulley Improper motor mounting Loose hardware	Reposition on flat, level surface Replace saw blade Replace poly v-belts Replace pulley Check and adjust motor Tighten hardware
Rip fence binds on guide rails	Guide rails or extension wing not installed correctly Guide of rip fence not adjusted properly	Reassemble guide rails, refer to fence manual Adjust guides, refer to fence manual
Material kicked back from blade	Rip fence out of alignment Splitter not aligned with blade Feeding stock without rip fence Splitter not in place Dull blade Letting go of material before it is past blade Anti-kick back plates dull	Align rip fence with miter slot Align splitter with blade Install and use rip fence Install and use splitter (with guard) Replace blade Push material all the way past blade before releasing work Replace o r sharpen anti-kick back plates
Blade does not raise or tilt freely	Sawdust and debris in raising and tilting mechanisms	Clean and regrease

Table and Cabinet Assembly (Right tilt)

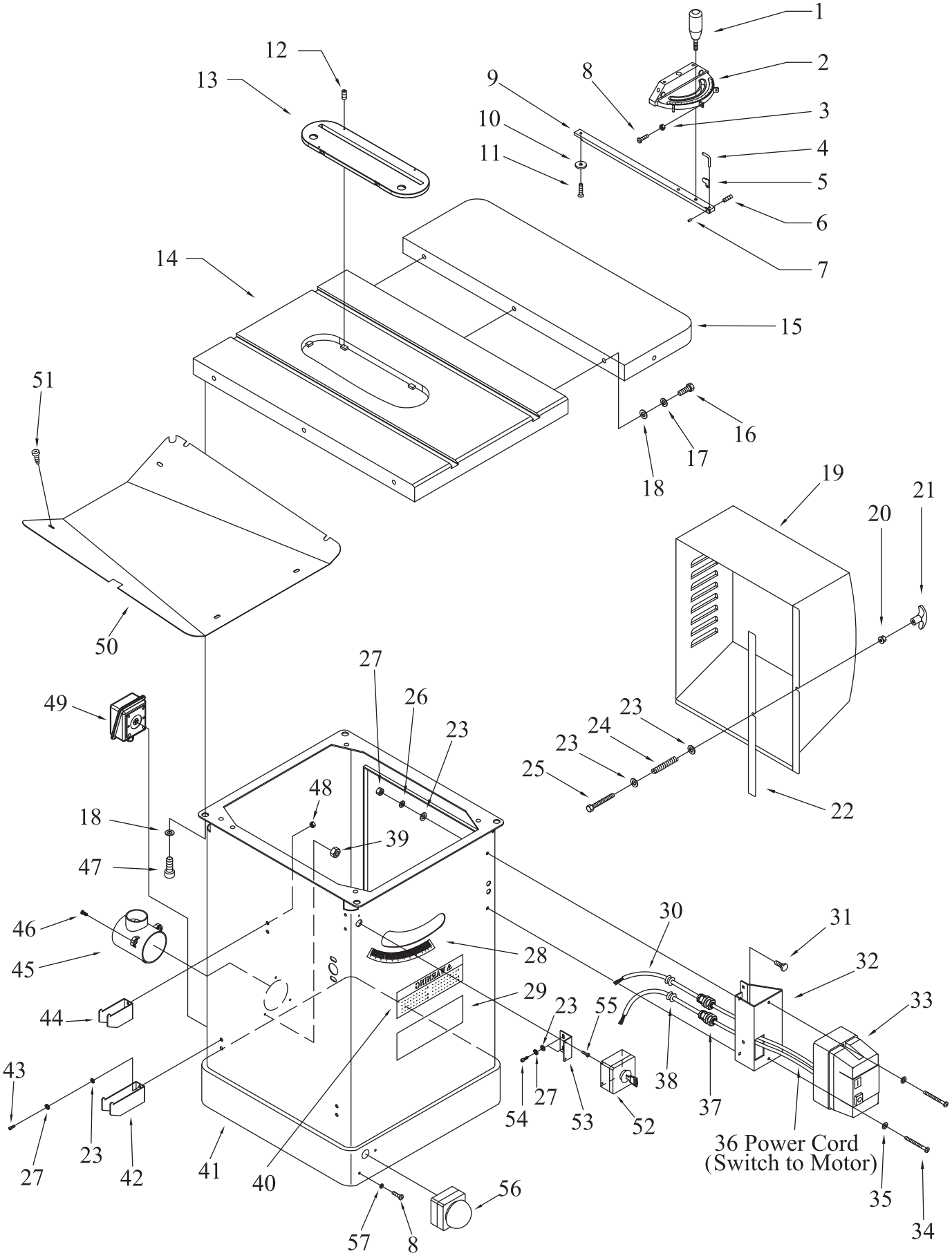


Table and Cabinet Assembly(Right tilt)

Index No.	Part No.	Description	Size	Qty.
1	UOTS10-1	Lock Knob		1
2	UOTS10-2	Miter Gauge Body		1
3	UOTS10-3	Hex Nut	M5	3
4	UOTS10-4	Pointer		1
5	UOTS10-5	Stop Link		1
6	UOTS10-6	Set Screw	M5×5	1
7	UOTS10-7	Special Pin	M3×6	1
8	UOTS10-8	Screw	M5×20	5
9	UOTS10-9	Guide Bar		1
10	UOTS10-10	Guide Washer		1
11	UOTS10-11	Flat Head Screw	M6×8	1
12	UOTS10-12	Set Screw	1/4”×3/8”	6
13	TSCE10-13	Table Insert		1
	TSCE12-13	Table Insert		1
13A	TSCE10-13A	Dado Insert (optional)		1
	TSCE12-13A	Dado Insert (optional)		1
14	TSCE10-14	Table		1
	TSCE12-14	Table		1
15	UOTS12-15	Extension Wing		2
	TSCE12-15	Extension Wing		2
16	UOTS10-16	Hex Cap Screw	7/16”×1-1/2”.	6
17	UOTS10-17	Lock Washer	7/16”	6
18	UOTS10-18	Flat Washer	7/16”	6
19	TSCE10-19	Motor Cover		1
	TSCE12-19	Motor Cover		1
20	UOTS10-20	Flange Nut	M6	1
21	UOTS10-21	Handle		1
22	UOTS10-22	Foam Strip		1
23	UOTS10-23	Flat Washer	1/4”	...14
24	UOTS10-24	Spring		1
25	UOTS10-25	Hex Cap Bolt	M6×50	1
26	UOTS10-26	Lock Washer	1/4”	...10
27	UOTS10-27	Hex Nut	1/4”	6

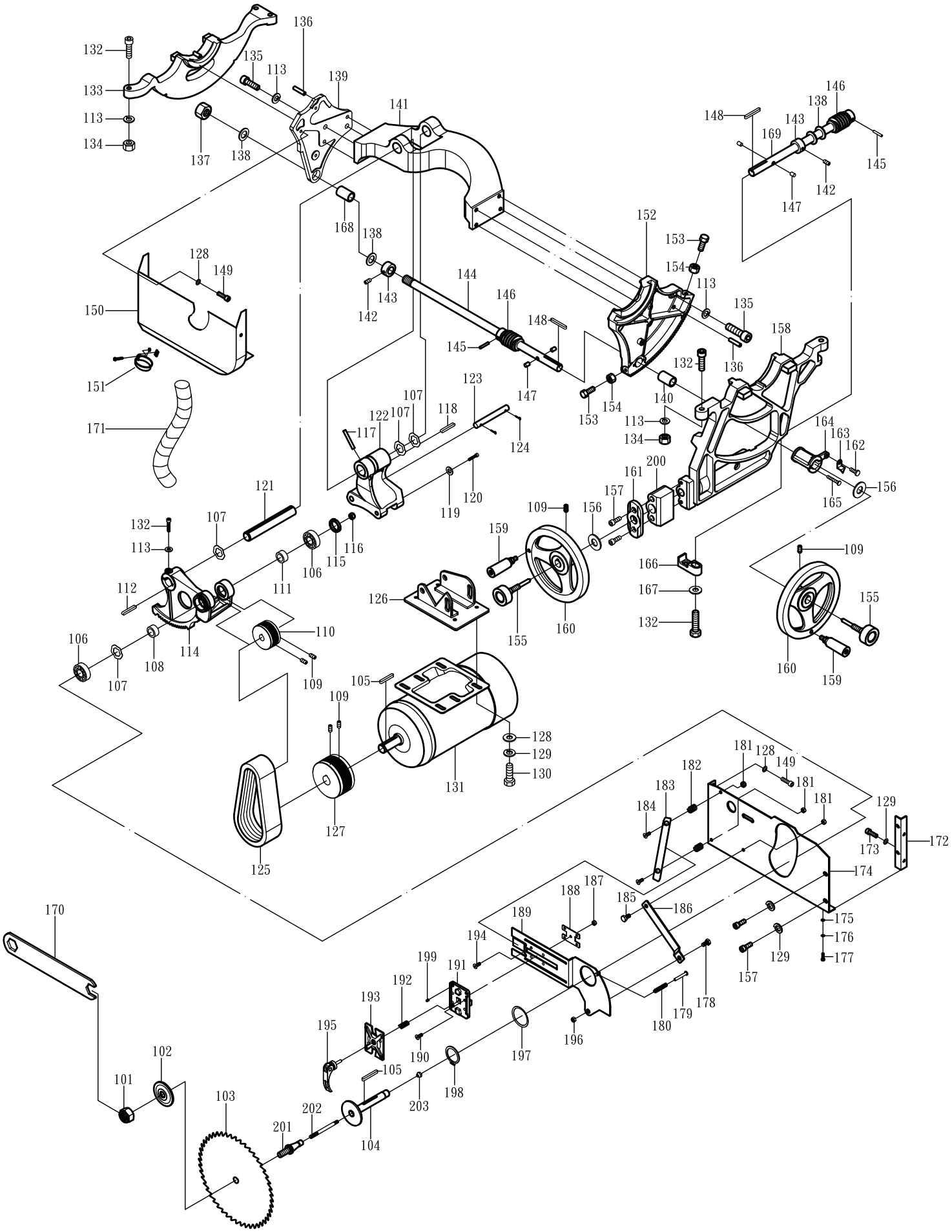
Table and Cabinet Assembly(Right tilt)

Index No.	Part No.	Description	Size	Qty.
28	UOTS10-28	Tilt Scale		1
29	UOTS10-29	Logo Lable		1
30	TSCE10-30	Power Cord		1
	TSCE12-30	Power Cord		1
31	UOTS10-31	Carriage Bolt	1/4”x3/4”	4
32	TSCE10-32	Switch Base		1
33	UOTS10-33	Magnetic Switch	3hp.1ph.230v	1
	UOTS10-33A	Magnetic Switch	5hp.3ph.230v	1
	UOTS10-33B	Magnetic Switch	5hp.3ph.460v	1
	UOTS10-33C	Magnetic Switch	5hp.1ph.230v	1
34	UOTS10-34	Screw	3/16”x3/4”	2
35	UOTS10-35	Flat Washer	3/16”	2
36	UOTS10-36	Power Cord		1
	UOTS12-36	Power Cord		1
37	UOTS10-37	Cable Gland		3
38	UOTS10-38	Snap Bushing	1/2”	2
39	TSCE10-39	Nylon Nut	1/4”	3
40	UOTS10-40	Warning Label		1
41	TSCE10-41	Cabinet		1
	TSCE12-41	Cabinet		1
42	TSCE10-42	Fence Hook		2
43	TSCE10-43	Round Head Screw	M6x12	6
44	TSCE10-44	Miter Gauge Hook		1
45	TSCE10-45	Dust Hose Adapter		1
46	TSCE10-46	Hex Head Screw	1/4”x5/8”	3
47	UOTS10-47	Hex Socket Head Screw	7/16”x3/4”	4
48	TSCE10-48	Special Nut	1/4”	6
49	TSCE10-49	Cord Connector Box		1
50	TSCE10-50	Lower Panel		1
	TSCE12-50	Lower Panel		1
51	UOTS10-51	Tap Screw	M5x10	4
52	S1220024	Stop Switch (For Normal Stop)		1
53	12200115	Switch Base		1

Table and Cabinet Assembly(Right tilt)

Index No.	Part No.	Description	Size	Qty.
54……..	901M06016…….	Hex Socket Head Screw…..	M6×16……..	….2
55……..	906316012……	Screw……..	3/16×1/2……	….2
56……..	S12200015……...	Foot Stop Switch……...	……...	….1
57……..	914M051001……	Flat Washer……...	M5…….	….2

Motor and Trunnion Assembly



Motor and Trunnion Assembly

Index No.	Part No.	Description	Size	Qty.
101	UOTS10-101	Arbor Nut(TS255)		1
	UOTS12-101	Arbor Nut(TS305)		1
102	UOTS10-102	Arbor Flange(TS255)		1
	TSCE12-102	Arbor Flange(TS305)		1
103	UOTS10-103	Saw Blade(Optional)	10”(255mm)	1
	UOTS12-103	Saw Blade(Optional)	12”(305mm)	1
104	TSCE10-104	Arbor With Flange(TS255)		1
	TSCE12-104	Arbor With Flange(TS305)		1
105	UOTS10-105	Key(TS255)	5x 5x44mm	1
	UOTS12-105	Key(TS305)	1/4”x 1/4”x1-3/4”	1
106	UOTS10-106	Ball Bearing(TS255)	6203zz	2
	UOTS12-106	Ball Bearing(TS305)	6005zz	2
107	UOTS10-107	Bearing Load Spring(TS255)		4
	UOTS12-107	Bearing Load Spring(TS305)		4
108	TSCE10-108	Bearing Load Spacer(TS255)		1
	TSCE12-108	Bearing Load Spacer(TS305)		1
109	UOTS10-109	Set Screw	1/4”x3/8”	6
110	TSCE10-110	Arbor Pulley(TS255)		1
	TSCE12-110	Arbor Pulley(TS305)		1
111	UOTS10-111	Collar(TS255)		1
	UOTS12-111	Collar(TS305)		1
112	UOTS10-112	Key	1/4”x1/4”x45	1
113	UOTS10-113	Lock Washer	3/8”	9
114	TSCE10-114	Arbor Bracket(TS255)		1
	TSCE12-114	Arbor Bracket(TS305)		1
115	UOTS10-115	Spanner Nut(TS255)		1
	UOTS12-115	Spanner Nut(TS305)		1
116	UOTS10-116	Arbor Nut(TS255)	5/8”	1
	UOTS12-116	Arbor Nut(TS305)	3/4”	1
117	UOTS10-117	Spring Pin	M6x50	1
118	UOTS10-118	Key	1/4”x1/4”x2-5/16”	1
119	UOTS10-119	Flat Washer	7/16”	2
120	UOTS10-120	Hex Cap Screw	7/16”x1”	2

Motor and Trunnion Assembly

Index No.	Part No.	Description	Size	Qty.
121	TSCE10-121	Shaft		1
122	UOTS10L-122	Motor Bracket		1
123	UOTS10-123	Pin		1
124	UOTS10-124	Spring Clip		2
125	TSCE10-125	Poly V-Belt(TS255)	PJ260	1
	TSCE12-125	Poly V-Belt(TS305)	PJ250	1
126	TSCE10-126	Motor Plate		1
127	TSCE10-127	Motor Pulley		1
128	UOTS10-128	Flat Washer	5/16”	8
129	UOTS10-129	Lock Washer	5/16”	10
130	UOTS10-130	Hex Cap Screw	5/16”x3/4”	4
131	UOTS10-131	Brake Motor(TS255)		1
	UOTS12-131	Brake Motor(TS305)		1
132	UOTS10-132	Hex Socket Cap Screw	3/8”x1-1/2”	7
133	TSCE10-133	Rear Trunnion Bracket		1
134	UOTS10-134	Hex Nut	3/8”	5
135	UOTS10-135	Hex Socket Cap Screw	3/8”x1”	4
136	UOTS10-136	Spring Pin	M8x25	4
137	UOTS10-137	Hex Nut	3/4”	1
138	UOTS10-138	Fiber Washer	3/4”	4
139	TSCE10-139	Rear Trunnion		1
140	UOTS10-140	Bushing		1
141	TSCE10-141	Yoke(TS255)		1
	TSCE12-141	Yoke(TS305)		1
142	UOTS10-142	Set Screw	5/16”x1/4”	2
143	UOTS10-143	Collar		2
144	TSCE10-144	Shaft(TS255)		1
	TSCE12-144	Shaft(TS305)		1
145	UOTS10-145	Spring Pin	M5x30	2
146	UOTS10-146	Worm Gear		2
147	UOTS10-147	Lock Pin		4
148	UOTS10-148	Key	5x 5x35mm	2
149	TSCE10-149	Hex Socket Cap Screw	5/16”x1/2”	2

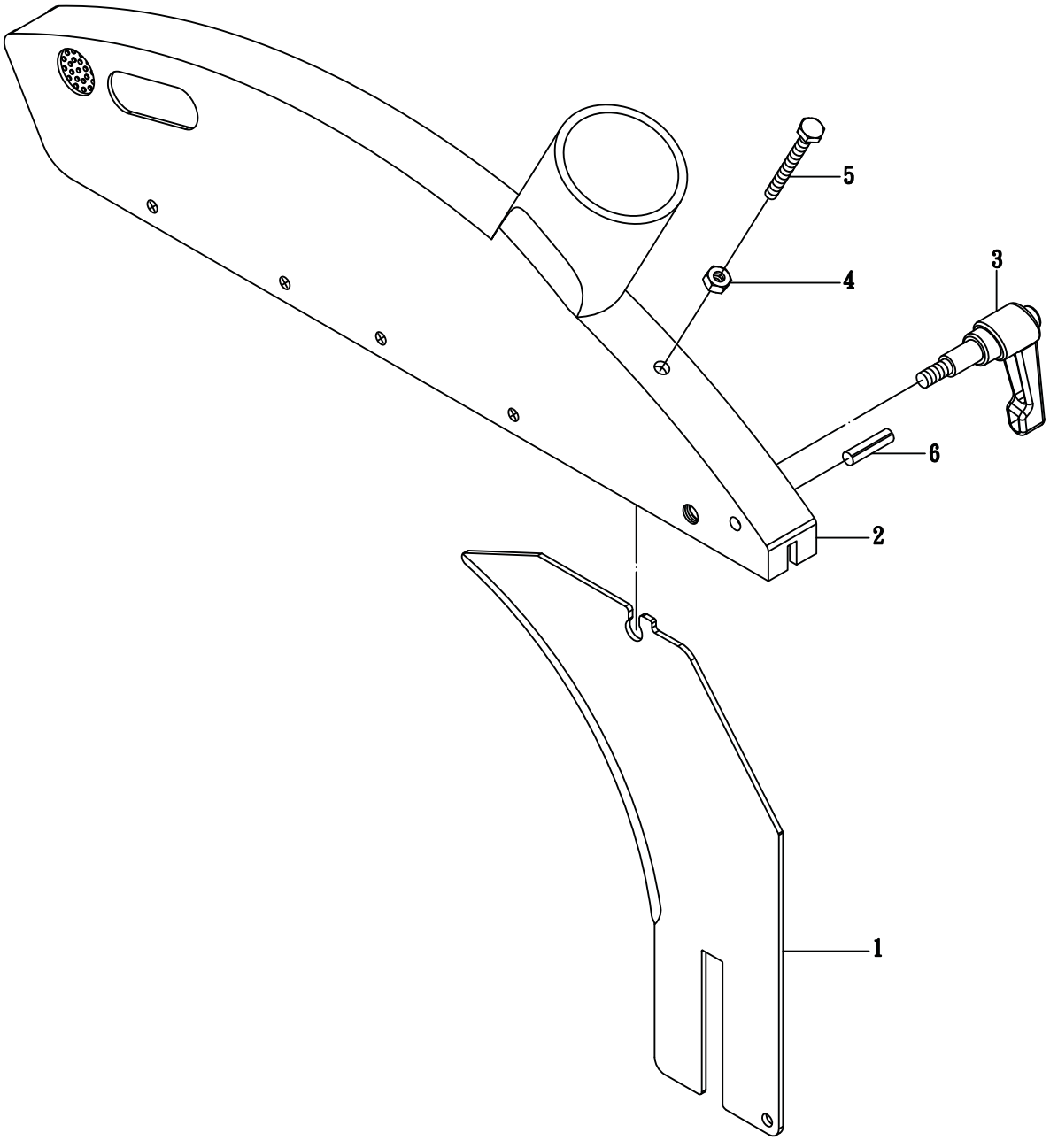
Motor and Trunnion Assembly

Index No.	Part No.	Description	Size	Qty.
150	TSCE10-150	Dust Deflector(TS255)		1
	TSCE12-150	Dust Deflector(TS305)		1
151	TSCE10-151	Hose Clamp	100mm	2
152	TSCE10-152	Front Trunnion		1
153	UOTS10-153	Hex Cap Bolt	5/16”x5/8”	2
154	UOTS10-154	Hex Nut	5/16”	2
155	UOTS10-155	Lock Handle		2
156	UOTS10-156	Fiber Washer	3/4”	2
157	UOTS10-157	Hex Socket Cap Screw(TS255)	5/16”x1”	4
	TSCE12-157	Hex Socket Cap Screw(TS305)	5/16”x2”	2
158	TSCE10-158	Front Trunnion Bracket		1
159	UOTS10-159	Hand Wheel Handle		2
160	UOTS10-160	Hand Wheel		2
161	UOTS10-161	Shield Plate		1
162	UOTS10-162	Round Head Screw	1/4”x3/8”	1
163	UOTS10-163	Pointer		1
164	UOTS10-164	Pointer Bracket		1
165	UOTS10-165	Round Head Screw	3/16”x2”	2
166	TSCE10-166	Guide Block		1
167	UOTS10-167	Flat Washer	3/8”	1
168	UOTS10-168	Bushing		1
169	UOTS10-169	Tilt Shaft(TS255)		1
	TSCE12-169	Tilt Shaft(TS305)		1
170	UOTS10-170	Wrench(TS255)		1
	UOTS12-170	Wrench(TS305)		1
171	TSCE10-171	Hose	100mm	1
172	TSCE10-172	Plate		1
173	TSCE10-173	Hex Socket Cap Screw	5/16”x3/4”	3
174	TSCE10-174	Chip Plate(TS255)		1
	TSCE12-174	Chip Plate(TS305)		1
175	TSCE10-175	Flat Washer	3/16”	3
176	TSCE10-176	Lock Washer	3/16”	3
177	TSCE10-177	Hex Cap Bolt	3/16”x3/8”	3

Motor and Trunnion Assembly

Index No.	Part No.	Description	Size	Qty.
178	TSCE10-178	Special Screw		1
179	TSCE10-179	Lock Pin		1
180	TSCE10-180	Spring		1
181	TSCE10-181	Nylon Nut	1/4”	3
182	TSCE10-182	Spring		2
183	TSCE10-183	Guide Bracket(TS255)		1
	TSCE12-183	Guide Bracket(TS305)		1
184	TSCE10-184	Flat Head Screw	1/4”x1”	2
185	TSCE10-185	Special Screw		1
186	TSCE10-186	Pilot Link Plate(TS255)		1
	TSCE10-187	Pilot Link Plate(TS305)		1
187	TSCE10-188	Nylon Nut	M6	1
188	TSCE10-189	Plate		1
189	TSCE12-189	Riving Knife Carrier Plate	(TS255)	1
	TSCE10-190	Riving Knife Carrier Plate	(TS305)	1
190	TSCE10-191	Flat Head Socket Screw	M5x12	2
191	TSCE10-192	Riving Knife Carrier		1
192	TSCE10-193	Spring		1
193	TSCE10-194	Pressure Plate		1
194	TSCE10-195	Flat Head Socket Screw	M6x20	2
195	TSCE10-196	Crank Handle		1
196	TSCE10-197	Nylon Nut	M8	1
197	TSCE12-197	Spring Shim Ring(TS255)		1
	TSCE10-198	Spring Shim Ring(TS305)		1
198	TSCE12-198	Snap Ring(TS255)	S52	1
	TSCE10-199	Snap Ring(TS305)	S58	1
199	TSCE10-199	Set Screw(TS255)	M6x10	4
	TSCE12-199	Set Screw(TS305)	M6x8	4
200	TSCE10-200	Guide Block(TS305)		1
201	TSCE12-201	Spindle Arbor(TS305)		1
202	TSCE12-202	Draw Bar(TS305)		1
203	TSCE12-203	Nut(TS305)		1

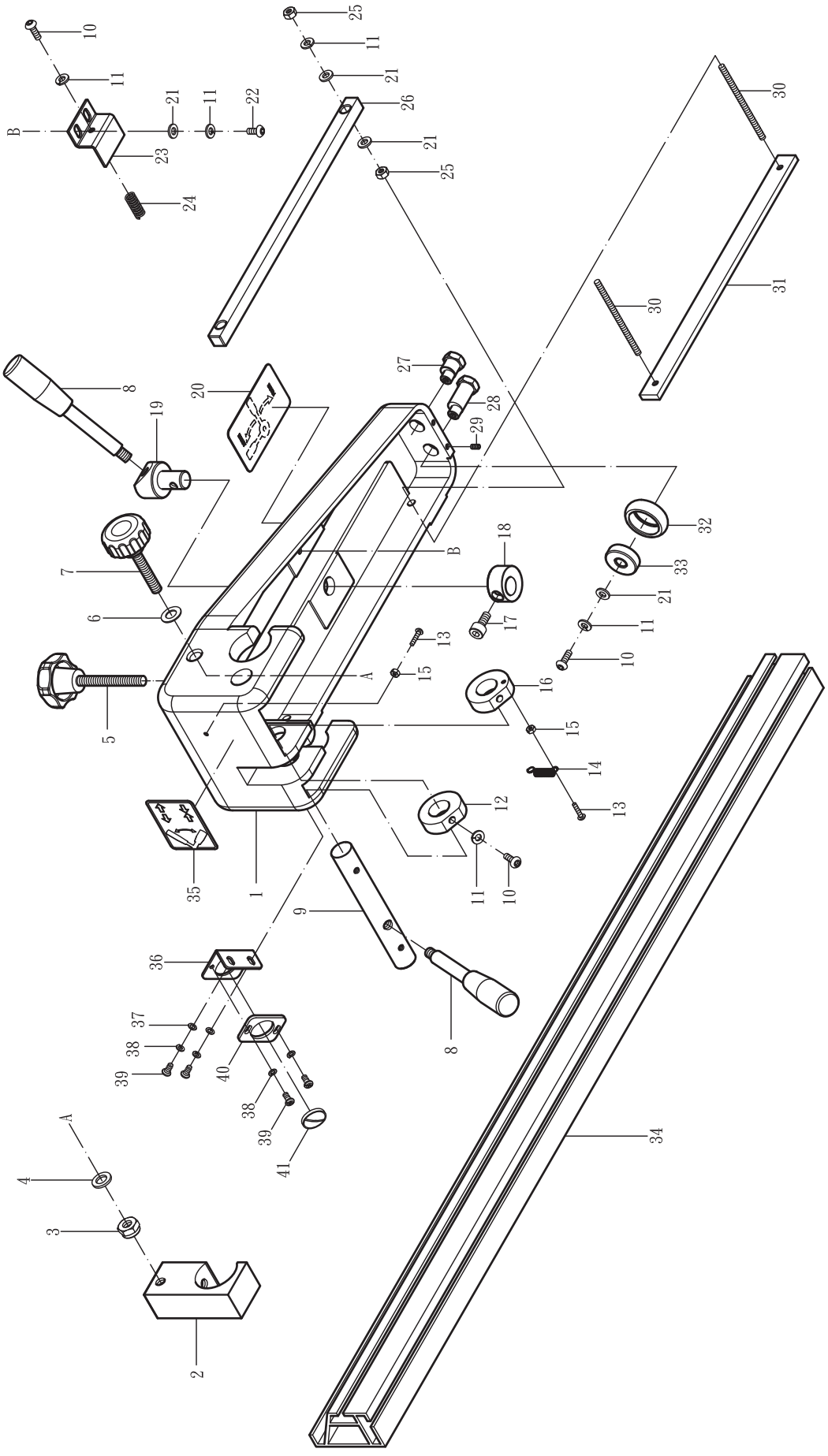
Blade Guard Assembly



Blade Guard Assembly

Index No.	Part No.	Description	Size	Qty.
1	TSCE12G-1	Riving Knife		1
2	TSCE12G-2	Guard		1
3	TSCE12G-3	Crank Handle		1
4	TSCE12G-4	Hex Nut	M8	1
5	TSCE12G-5	Hex Head Screw	M8x70	1
6	TSCE12G-6	Spring Pin	6x30	1

Rip Fence Assembly



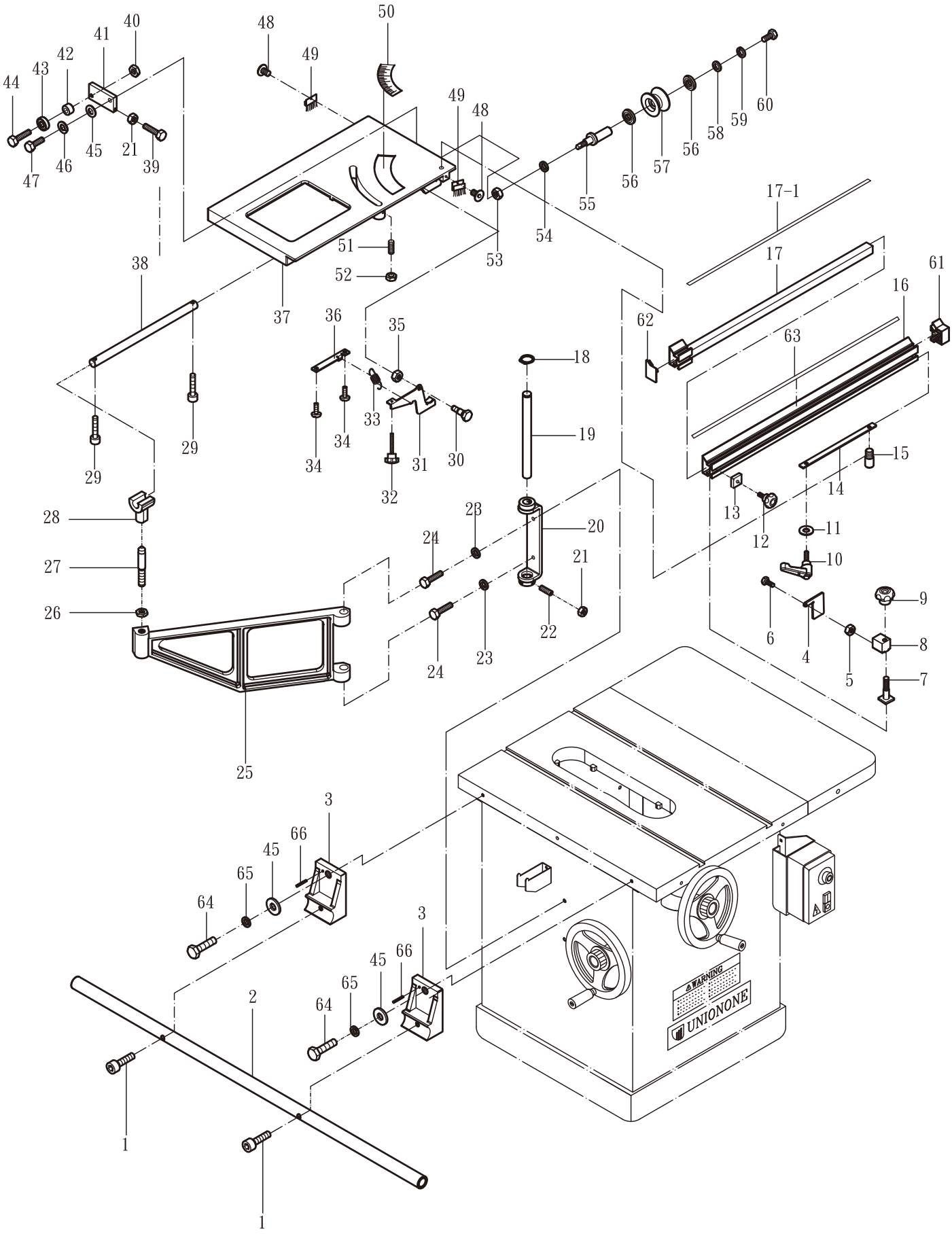
Rip Fence Assembly

Index No.	Part No.	Description	Size	Qty.
1	231-1111	Rip Fence Bracket		1
2	231-1112	Clamping Block		1
3	231-1113	Nylon Nut	M10	1
4	231-1114	Flat Washer	M10	1
5	231-1115	Knob		1
6	231-1116	Fiber Washer	M10	1
7	231-1117	Knob		1
8	231-1118	Handle		2
9	231-11119	Eccentric Arbor		1
10	231-11110	Round Head Screw	M6x16	5
11	231-11111	Lock Washer	M6	9
12	231-11112	Eccentric Wheel (Left)		1
13	231-11113	Round Head Screw	M4x16	2
14	231-11114	Spring		1
15	231-11115	Hex Nut	M4x7	2
16	231-11116	Eccentric Wheel (Right)		1
17	231-11117	Hex Socket Cap Screw	M8x16	1
18	231-11118	Eccentric Wheel		1
19	231-11119	Handle Bar		1
20	231-11120	Sticker		1
21	231-11121	Flat Washer	M6	15
22	231-11122	Round Head Screw	M6x12	2
23	231-11123	Push Board		1
24	231-11124	Spring		1
25	231-11125	Hex Nut	M6	6
26	231-11126	Lock Block		1
27	231-11127	Eccentric Nut (Short)		1
28	231-11128	Eccentric Nut (Long)		1
29	231-11129	Set Screw	M5x8	2
30	231-11130	Screw		2
31	231-11131	Fence Clamp		1
32	231-11132	Plastic Wheel		2
33	231-11133	Ball Bearing	6200zz	2

Rip Fence Assembly

Index No.	Part No.	Description	Size	Qty.
34……..	231-11134…….	Stop Profile……	……	….1
35……..	231-11135…….	Sticker……	…….	….1
36……..	900-21……..	Cursor Base……..	…….	….1
37……..	231-11137…….	Flat Washer……...	M4…….....	….2
38……..	231-11138…….	Lock Washer…….	M4…….....	….4
39……..	231-11139…….	Round Head Screw……..	M4x10...……	….4
40……..	900-22……..	Cursor Housing……	……..	….1
41……..	31C64……...	Cursor……	……..	….1

Sliding Table System Assembly (UST-36)



Sliding Table System Assembly (UST-36)

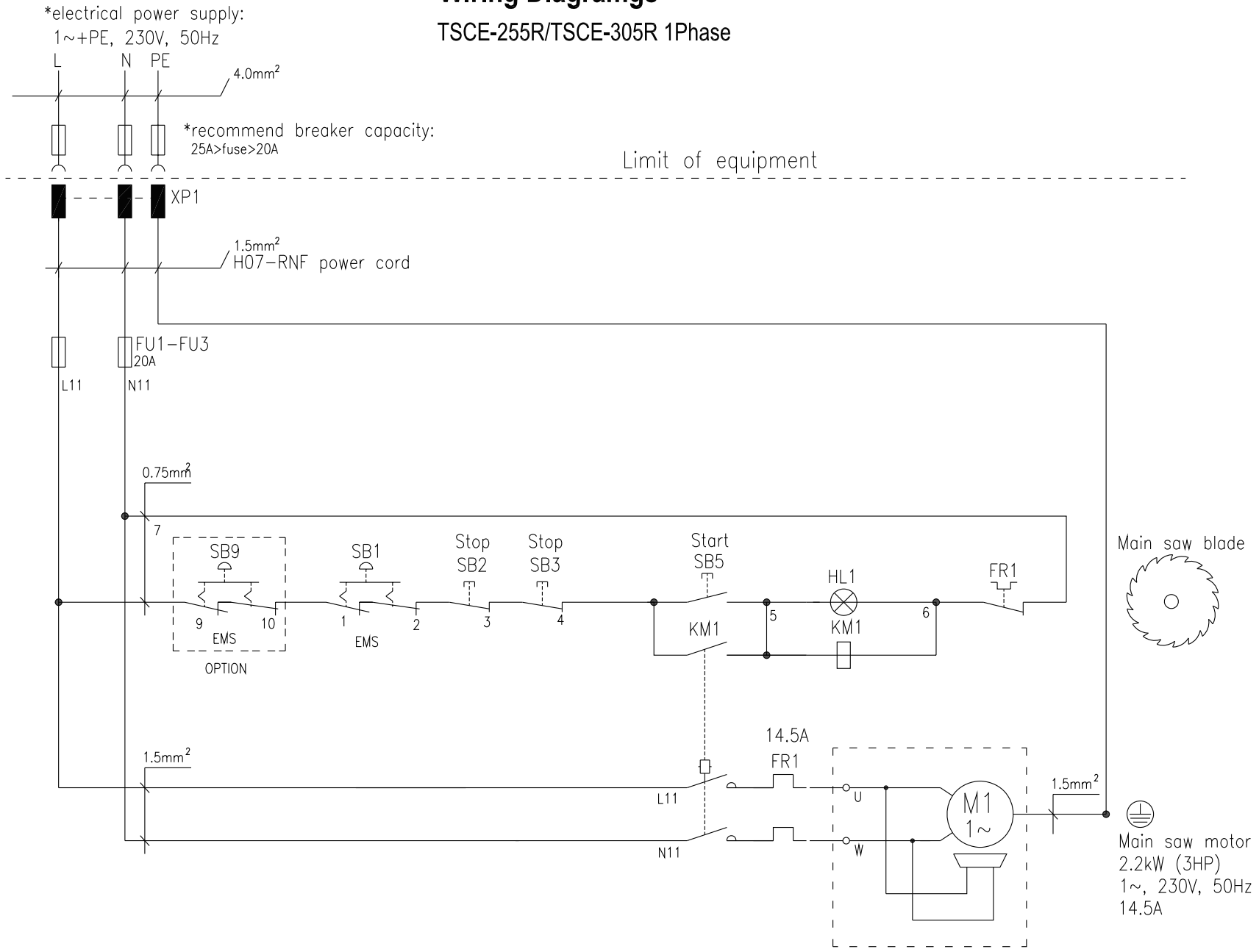
Index No.	Part No.	Description	Size	Qty.
1	UST-36-01	Hex Socket Cap Screw	3/8”x1”	2
2	UST-36-02	Guide Tube		1
3	UST-36-03	Guide Rail Bracket		2
4	UST-36-04	Plate		1
5	UST-36-05	Hex Nut	M8	1
6	UST-36-06	Hex Socket Cap Screw	M8x20	1
7	UST-36-07	Special Bolt		1
8	UST-36-08	Flip Stop Base		1
9	UST-36-09	Knob		1
10	UST-36-10	Lock Handle		1
11	UST-36-11	Flat Washer	M12	1
12	UST-36-12	Knob		1
13	UST-36-13	Square Nut	M8	1
14	UST-36-14	Guide Bar		1
15	UST-36-15	Stud		1
16	UST-36-16	Profile Cross Cut Fence		1
17	UST-36-17	Profile 2.Throw-over Stop		1
17-1	UST-36-17-1	Measuring Rule 970-1075mm		1
18	UST-36-18	Snap Ring	M24	1
19	UST-36-19	Swing Arm Bolt		1
20	UST-36-20	Swing Arm Bracket		1
21	UST-36-21	Hex Nut	M8	6
22	UST-36-22	Set Screw	M8x20	5
23	UST-36-23	Lock Washer	M10	2
24	UST-36-24	Hex Head Bolt	M10x40	2
25	UST-36-25	Swing Arm		1
26	UST-36-26	Hex Nut	M20	1
27	UST-36-27	Support Rod		1
28	UST-36-28	Rod Housing		1
29	UST-36-29	Hex Socket Cap Screw	M8x35	2
30	UST-36-30	Special Bolt		1
31	UST-36-31	Lock Bracket		1
32	UST-36-32	Knob		1
33	UST-36-33	Spring		1

Sliding Table System Assembly (UST-36)

Index No.	Part No.	Description	Size	Qty.
34	UST-36-34	Round Head Screw	M4x10	2
35	UST-36-35	Nylon Nut	5/16”	1
36	UST-36-36	Plate		1
37	UST-36-37	Work Table		1
38	UST-36-38	Cross Rail		1
39	UST-36-39	Hex Head Bolt	M8x30	1
40	UST-36-40	Hex Nut	M12	1
41	UST-36-41	Block		1
42	UST-36-42	Spacer		1
43	UST-36-43	Ball Bearing	6201zz	1
44	UST-36-44	Hex Head Bolt	M12x45	1
45	UST-36-45	Flat Washer	M12	1
46	UST-36-46	Lock Washer	M12	1
47	UST-36-47	Hex Socket Cap Bolt	M12x35	1
48	UST-36-48	Round Head Socket Screw	M6x10	2
49	UST-36-49	Brush		2
50	UST-36-50	Tilt Scale		1
51	UST-36-51	Set Screw	M8x20	1
52	UST-36-52	Hex Nut	M8	1
53	UST-36-53	Hex Nut	3/8”	2
54	UST-36-54	Lock Washer	M10	2
55	UST-36-55	Shaft		2
56	UST-36-56	Ball Bearing	6202zz	4
57	UST-36-57	Bearing Housing		2
58	UST-36-58	Lock Washer	M8	2
59	UST-36-59	Lock Washer	5/16”	2
60	UST-36-60	Hex Head Bolt	5/16”x5/8”	2
61	UST-36-61	Cap Cover Right		1
62	UST-36-62	Cap Cover Left		1
63	UST-36-63	Measuring Rule 0-940mm		1
64	UST-36-64	Flat Washer	7/16”	2
65	UST-36-65	Lock Washer	7/16”	2
66	UST-36-66	Lock Pin	M5x30	2

Wiring Diagramgs

TSCE-255R/TSCE-305R 1Phase



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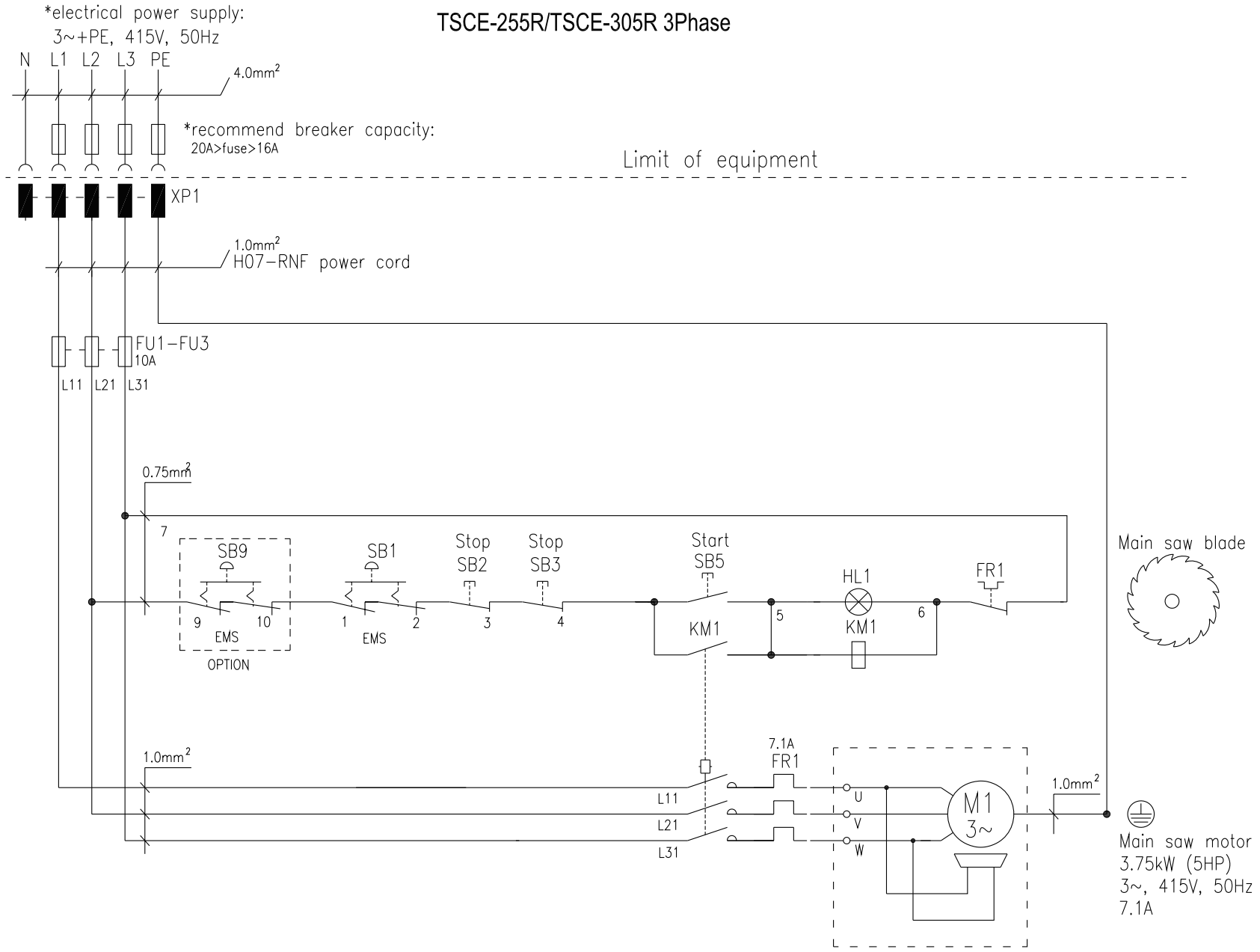
Wiring Diagramgs

TSCE-255R/TSCE-305R 3Phase



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Normal wear and tear, misuse, abuse and neglect are excluded and the machine should not have been modified in any way. Please do not attempt to service the product without first contacting us; we are happy to guide you but failure to do so may invalidate the guarantee

The Guarantee is transferable from owner to owner in the first three years but you must have original proof of purchase. Should we need to replace a machine in the first three years the guarantee will still continue to be effective from the original purchase date

Full Terms and Conditions can be found here. This guarantee does not affect your statutory rights.

For more information visit **axminster.co.uk/3years**

Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local recycling centre and place into the appropriate recycling bin.

Only for EU countries

Do not dispose of electric tools together with household waste material. In observance of European Directive 2002/96/EC on waste electrical and electronic equipment and itsimplementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Axminster Tool Centre,
Unit 10 Weycroft Avenue, Axminster, Devon EX13 5PH

axminster.co.uk